University of California
College of Agriculture
Agricultural Experiment Station
Berkeley, California

GRAPE INDUSTRY STATISTICS
As of November 1951

Compiled by

S. W. Shear

Supplement with Revisions
of Appendix C of
Giannini Foundation of Agricultural Economics
Mimeographed Report No. 107

November 1951

Contribution from the
Giannini Foundation of Agricultural Economics
Mimeographed Report No. 125

University of California
College of Agriculture
Agricultural Experiment Station
Berkeley, California

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GRAPE INDUSTRY STATISTICS
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Users' Guide

These basic tables of "Grape Industry Statistics" have been revised and brought up to date as of November, 1951, as a supplement to Appendix C of Giannini Foundation of Agricultural Economics Mimeographed Report No. 107 of May, 1950.

Purpose.--The comprehensive compendium of economic statistics on grapes and grape products in Appendix C and this supplement were compiled at the request of the industry to give a common basis of quantitative economic data relating to some of the more important problems of the California grape industries. Some eighty tables in these reports make conveniently available most of the important published, and some unpublished, historical statistical data relating to the California grape industries for about thirty years on acreage, production, utilization, supply, shipments, exports, imports, consumption, and prices of grapes and grape products. Many of the graphs and charts and the discussion of them in the text of Giannini Foundation Mimeographed Report No. 107 of May, 1950, and of California Agricultural Experiment Station Circular 397 on Trends and Outlook in the California Grape Industries, published in August, 1950, were based on the "Grape Industry Statistics" in Appendix C.

Study of these tables and statistical analyses based on them has thrown much light on the numerous difficult and many-sided problems of the grape industry and further analysis can do much to help the industry better to solve these problems.

Description.--This supplement is designed primarily to bring up to date the eighty tables originally published in Appendix C and to record any significant revisions since May, 1950. Two new tables have also been added, No. 81 and No. 82. Annual data in Appendix C needing no revision have not been repeated. However, to make trend comparisons possible without referring to the original tables,

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To facilitate comparison and to help in judging what purposes the statistics may reasonably be used for, the data have been arranged in systematic and convenient form and evaluated for comparability and meaning and briefly described in footnotes and sources in the original report, Appendix C. In research and the preparation of outlook reports, the compiler has had to "live" with and use many of these statistics for many years so that considerable more detail is available for reference in his files on their source and description than are given in the brief sources and footnotes under each table.

The limited numbers of footnotes given in these supplementary tables are either revisions of those in Appendix C or additional ones relating to the new or revised data. To save space footnotes not needing revision were not repeated in this supplement. However, the footnote signs referring to those unrepeated footnotes are included in these supplementary tables for convenience in referring to them in the original Appendix C if necessary.

Special Interest Tables.--For convenience of reference the tables have been divided into thirteen groups of related data as shown in the table of contents and the detailed list of tables. For guidance in using this compendium for reference purposes, special mention should be made of several groups of tables and of a few individual tables.

Complete seasons' table grape shipments by variety from California, 1927-1950, are given in table 40 including, for the first time, estimates of shipments after December 31 for the 1927-1939 seasons.

Complete seasons' auction prices for California table grape stock by varieties for auction sales on the New York Market, 1926-1950, are given in table 48. Comparable auction prices for all markets are given for complete seasons, 1945-1950 only, as published data for earlier years have not covered sales during the

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latter part of the season. Footnotes indicate just what part of each season's auction sales are covered for auction sales in all markets, 1926-1944.

Historical statistics by districts or groups of California counties have been included in these tables on grape yields and bearing acreage, wine production, storage capacity, and commercial crush and number of wineries and distilleries. These data were designed specifically to throw light on the economic trends, situation, and problems of the different grape districts in the state. Many of these statistics have not been published before as time series, although most of the basic data are from annual published reports of the California Crop Reporting Service and of the Wine Institute. Historical series by districts are included on (1) relative grape yields per bearing acre expressed as percentage of full crop, 1930-1951; (2) preliminary data on bearing acreage by varietal classes, 1923-1950; (3) and by varieties, 1936-1950; (4) wine production by kinds, 1937-1950; (5) commercial crush of wineries and distilleries; (6) number of bonded wineries; (7) distilleries and (8) storage capacity of wineries, 1940 and 1945-1950.

Because of the nature and the limited amount of available statistical data by counties and districts, a considerable amount of estimating and converting has been involved in compiling data by districts. Methods of estimating and conversion factors used usually have been noted briefly for the user's benefit. Several of the district tables were made possible by the use of unpublished county data generously made available by a number of agencies currently servicing the grape and fruit industries with economic data.

Wine and brandy imports for years beginning July 1, since repeal, are given for the United States in tables 72-75 and 80 by kinds and by country of origin. Imports on the basis of years beginning July 1 are better adapted for some analytical purposes than the calendar year data as usually published by the U. S. Department of Commerce. An article summarizing these data on "Wine Import Trends"

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for the United States was published in Wines and Vines, June, 1951, pp. 10-11. The author has compilations available in his files for reference giving monthly and July 1 yearly data since 1936 for United States wine and brandy imports by country in the detail published for gallonage, total declared value and declared value per gallon for containers not over one gallon and those over one gallon for brandy and the five categories of still wine reported, also sparkling wines with a declared value of less than $6 a gallon and over $6.

More Statistics Needed.--Better understanding of the problems of the different districts of the grape industry and their relations to one another demands adequate provision for considerably more, and in some cases better, statistics, particularly on a county or district basis, than federal and state agencies and industry organizations have had the means to assemble currently and publish in the past. It is encouraging to see the growing appreciation and support by industry leaders of improved economic statistics.

There has been a tremendous improvement in the past thirty years in the quantity and quality of statistics on grapes and other fruits now regularly made available to the fruit industries and economic analysts by governmental and industry organizations collecting and reporting market information and related data. The improvement has been most striking since the author made his first grape study some twenty years ago on the Economic Status of the Grape Industry published as California Agricultural Experiment Station Bulletin 429 in 1927.

The latest statement by the author on the economic history and status of the grape industry (with special reference to the wine industry) is "Trends in the Industry," Chapter 2 of Table Wines: The Technology of Their Production by Maynard Amerine and Maynard Joslyn just published by the University of California Press.

for the United States was published in Wines and Vines, July, 1951, pp. 20-21.

[illegible]

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Acknowledgments

The sources and footnotes under each table in the "Grape Industry Statistics as of May 1950" give credit to the specific agencies and publications from which the primary data were obtained. However, in order to save space these have not been repeated in most instances in this supplement of November, 1951. Those who quote or reproduce data from these tables will help in securing more and better basic economic statistics by giving credit to the specific agencies indicated in the "source" of each table as responsible for collecting and publishing the basic data.

The compiler takes the responsibility for the tables as published in their present form. However, it will be appreciated that such a large compendium of historical statistics must basically be the joint contribution of many persons and agencies, official and private, engaged for many years in the time consuming collection, compilation, analysis and dissemination of economic statistics. The compiler wishes again to thank each of the many persons and agencies who, over a period of many years, are responsible for making available the great body of statistics assembled in these tables. He hopes that they will feel that the convenience of having the many series assembled in one place in a form that helps to reveal significant trends, changes, and other relationships in the grape industry in some measure repays them and the industry for their valuable services.

Thanks are due the following agencies whose publications, files, and cooperative personnel have provided most of the statistical data and supplementary background information used in preparing these tables.

Divisions of the United States Department of Agriculture:

The California Crop and Livestock Reporting Service

The United States Crop Reporting Board

The Federal-State Market News Service of California

The Bureau of Agricultural Economics

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[illegible]

The Bureau of Agricultural Economics.

The Production and Marketing Administration

The Office of Foreign Agricultural Relations

Other Federal agencies:

The United States Department of Commerce

The Bureau of Internal Revenue of the Treasury Department

The Tariff Commission

The Farm Credit Administration

The California Department of Agriculture, particularly its Bureau of Markets

Industry organizations:

The Wine Institute, which has given the Giannini Foundation permission to use copyrighted data from its Annual Wine Industry Statistical Surveys and has made valuable unpublished data available.

The Grape Stabilization Advisory Board, which financed the printing of Mimeographed Report No. 107 of the Giannini Foundation of Agricultural Economics in May, 1950.

The Dried Fruit Association of California

The California Grape and Tree Fruit League

The Tokay Marketing Agreement

The Federal Raisin Administrative Committee

The California Raisin Advisory Board

GRAPE INDUSTRY STATISTICS
As of November 1951

Compiled by
S. W. Shear

List of Tables

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n = New tables either supplementing or replacing original tables in Appendix C are indicated by the letter n after the original Appendix C table number in this list of tables.

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Raisin Production and Shipments

Wine Prices and Consumption

APPENDIX TABLE 1 (p. 1c)

California Bearing Grape Acreage by Varietal Classes, 1919-1951

Year of harvest	All varieties	Varietal class a/		
		Wine	Table	Raisin
	1	2	3	4
	bearing acres c/			
1919	291,600	95,500	53,500	142,600
1926	564,800	155,400	117,100	292,300
1927 d/	579,000	170,000	119,800	289,200
1930 d/	546,300	187,800	103,800	254,700
1936 e/	473,200	165,500	78,100	229,600
1940 f/	481,900	164,400	78,400	239,100
1949	475,400	158,700	88,400	228,300
1950	485,200	159,400	91,900	233,900
1951 g/				

a/ (Revised) See footnote a/(revised) to table 2.

c/ These series are subject to revisions being made by the California Crop Reporting Service on the basis of its resurvey during 1948-1950 of acreage by county, by variety, and by age. Its 1950 acreage report is the first one based on the completed resurvey for all counties. Actual changes in acres since 1947 are not so great for 1948 and 1949, as shown by this table, as the county resurvey data were incorporated for each county when the survey was completed for a given county. The completed resurvey acreage by age of planting for 1950 by districts by variety are shown in new table 3 for wine varieties and new table 11 for table and raisin varieties. State acreage by varieties in 1950 by age planted are shown in new table 8 for wine varieties and new table 10, Part 1 for table varieties and Part 2 for raisin varieties.

d/ These unrevised series show maximum bearing acreage of raisin varieties in 1926, of table and of all varieties in 1927, and of wine varieties in 1930.

e/ The 1936 data are based on a special census made by the California Crop Reporting Service shortly after repeal of prohibition.

f/ Minimum bearing acreage since peak years was in 1940 for all three varietal classes.

g/ Preliminary 1951 estimates.

APPENDIX TABLE 2 (p. 2c)

California Nonbearing Grape Acreage by Varietal Classes, 1919-1950

Year of harvest	All varieties	Varietal class a/		
		Wine	Table	Raisin
	1	2	3	4
	acres not in bearing b/			
1919	69,800	13,800	13,100	42,900
1922 c/	167,400	33,700	42,400	91,300
1923 c/	163,700	40,900	44,400	78,400
1924 c/	129,100	45,600	33,800	49,700
1930 d/	20,800	12,300	3,800	4,700
1932 d/	18,700	8,800	2,600	7,300
1936 e/	29,200	9,500	3,800	15,900
1947 f/	57,800	22,500	13,600	21,700
1948	41,900	13,800	9,700	18,400
1949	30,400	8,400	7,200	14,800
1950	18,464	4,264	5,164	9,036

a/ (Revised) The chief varieties included in each class by the California Crop Reporting Service in accordance with the most usual use for each variety are:

Raisin: Thompson Seedless, Muscat, Sultana, and Zante Currant.

Table: Tokay, White Malaga, Emperor, Red Malaga, Cornichon, Almeria, Ribier, Cardinal, and Concord.

Wine: Zinfandel, Alicante Bouschet, Carignane, Petite Sirah, Mission, Mataro and several minor black and white varieties.

b/ These series are subject to revisions by the California Crop Reporting Service. See footnote c/ to table 1 for further explanation.

c/ These unrevised series show the maximum nonbearing acreage of all varieties and of raisin varieties in 1922, of table varieties in 1923, and of wine varieties in 1924.

d/ Minimum nonbearing acreage since 1919 was in 1930 for raisin varieties and 1932 for all varieties and wine and table varieties.

e/ The 1936 data are based on a special census made by the California Crop Reporting Service shortly after repeal of prohibition.

f/ In 1947 the recent peak of nonbearing acreage occurred resulting from plantings stimulated by high wartime prices.

NEW APPENDIX TABLE 3 (p. 3c)

California Grape Acreage by Varietal Classes
and Wine Varieties by Districts, 1950

Variety and group	State total	Interior Valley a/					Central Coast a/	Southern California a/
		Total	San Joaquin and Central			Sacramento Valley		
			Total	San Joaquin	Central Valley			
	1	2 (3+6)	3 (4+5)	4	5	6	7	8
	acres, total bearing and nonbearing							
All varieties	503,633	403,747	400,153	319,270	80,883	3,594	49,902	49,984
Table varieties	97,026	92,934	92,650	64,382	28,268	284	293	3,799
Raisin varieties	242,924	229,683	229,262	221,386	7,876	421	179	13,062
Muscat	39,791	35,770	35,578	35,248	330	192	150	3,871
Wine varieties	163,683	81,130	78,241	33,502	44,739	2,889	49,430	33,123
Dark, total	136,889	70,882	68,063	26,634	41,429	2,819	37,938	28,069
Zinfandel	41,178	18,267	17,168	1,956	15,212	1,099	14,896	8,015
Carignane	32,600	21,114	20,921	7,715	13,206	193	9,344	2,142
Alicante B	18,836	14,505	14,242	7,404	6,838	263	2,143	2,188
Mission	11,375	4,758	4,411	1,871	2,540	347	419	6,198
Mataro	5,100	1,000	213	110	103	787	991	3,109
Petite Sirah	5,100	988	957	377	580	31	4,111	1
Grenache	9,338	4,898	4,859	3,166	1,693	39	497	3,943
Others	13,362	5,352	5,292	4,035	1,257	60	5,537	2,473
White, total	26,794	10,248	10,178	6,868	3,310	70	11,492	5,054
G. Chasselas	6,146	1,241	1,225	832	393	16	2,555	2,350
Palomino	4,725	4,423	4,413	2,929	1,484	10	237	65
Burger	3,734	1,713	1,713	704	1,009	--	605	1,416
Columbar b/	1,128	42	40	10	30	2	1,086	--
F. Riesling b/	1,151	66	66	33	33	--	1,085	--
Sauvignon Blanc	1,909	49	49	26	23	--	1,860	--
Others	8,001	2,714	2,672	2,334	338	42	4,064	1,223

a/ Counties included in each district:
Central Coast--Mendocino, Lake, Sonoma, Napa, Marin, Contra Costa, Alameda, Santa Clara, San Mateo, Santa Cruz, San Benito, Monterey, San Luis Obispo.
Southern California--Santa Barbara, Ventura, Los Angeles, Orange, San Bernardino, Riverside, San Diego, Imperial.
San Joaquin Valley--Merced, Madera, Fresno, Kings, Tulare, Kern.
Sacramento Valley--Yuba, Sutter, Colusa, Butte, Glenn, Tehema.
Central Valley--Amador, El Dorado, Placer, Yolo, Solano, Sacramento, San Joaquin, Stanislaus.

b/ Varietal names are those used by California Crop Reporting Service in the source quoted and differ from the names preferred and used by the Viticulture Division of the University as follows: Sauvignon Vert to Colombar and Sylvaner to Franklin Riesling.

Source: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, November 1951, from California Crop Reporting Service, unpublished county acreage estimates by varieties comparable to published county acreage by varietal classes in "Acreage Estimates, California Fruit and Nut Crops as of 1950."

APPENDIX TABLE 4 (p. 4c-5c)

California Bearing Grape Acreage by Varietal Classes and Districts, 1923-1950

Year of harvest	All varieties	Wine varieties a/					Table varieties
	State total b/	Central Coast	Southern California	Sacramento Valley	Central Valley	San Joaquin Valley	Central Coast
	1	2	3	4	5	6	7
	bearing acres						
Annual:							
1923	434,371	45,428	20,647	2,026	28,975	17,701	400
1927	635,464	60,408	27,464	1,984	48,183	30,080	617
1930	549,862	61,322	27,636	4,273	65,138	32,271	558
1936	469,525	56,079	28,070	1,158	53,449	24,279	879
1940	482,345	60,001	26,254	529	53,510	23,165	922
1949 c/	475,442	51,292	30,148	390	45,314	30,715	360
1950	494,205	47,510	32,829	2,650	44,175	32,255	261

Year of harvest	Table varieties a/				Raisin varieties a/				
	Southern California	Sacramento Valley	Central Valley	San Joaquin Valley	Central Coast	Southern California	Sacramento Valley	Central Valley	San Joaquin Valley
	8	9	10	11	12	13	14	15	16
	bearing acres								
Annual:									
1923	3,606	310	36,353	36,420	---	6,065	8,800	4,350	222,960
1927	12,976	709	42,169	75,137	110	10,198	12,993	9,805	301,120
1930	10,599	695	37,937	59,616	105	8,873	7,593	8,662	223,271
1936	4,234	285	28,712	43,420	430	9,416	1,844	7,378	208,831
1940	4,799	191	28,507	44,702	393	10,494	719	8,593	218,403
1949 c/	2,959	67	26,847	57,957	303	9,004	431	8,005	210,481
1950	3,005	284	27,993	60,319	179	13,062	421	7,876	221,386

a/ (Revised) See revised footnote a/ to table 2 for varieties included in each class and footnote b/ to table 5 for counties included in each district. c/ (Revised) These series are subject to revision by the California Crop Reporting Service. See footnote c/ to table 1 for further information.

APPENDIX TABLE 5 (p. 6c-7c)

California Bearing Grape Acreage by Districts and Varietal Classes, 1923-1950

Year	Central Coast b/				Southern California b/				Sacramento Valley b/			
	All	Raisin c/	Table c/	Wine c/	All	Raisin	Table	Wine	All	Raisin	Table	Wine
	1	2	3	4	5	6	7	8	9	10	11	12
	bearing acres d/											
1923	45,828	--	400	45,428	30,318	6,065	3,606	20,647	10,136	8,800	310	2,026
1927	61,135	110	617	60,408	50,638	10,198	12,976	27,464	15,686	12,993	709	1,984
1930	61,985	105	558	61,322	47,108	8,873	10,599	27,636	12,461	7,593	695	4,273
1936	57,388	430	879	56,079	41,720	9,416	4,234	28,070	3,287	1,844	285	1,158
1940	61,316	393	922	60,001	41,547	10,494	4,799	26,254	1,439	719	191	529
1949 d/	52,055	303	460	51,292	42,111	9,004	2,959	30,148	888	431	67	390
1950	47,949	178	261	47,510	46,447	10,613	3,005	32,829	3,355	421	284	2,650

Year	State a/	Central Valley b/				San Joaquin Valley b/			
	All	All	Raisin	Table	Wine	All	Raisin	Table	Wine
	13	14	15	16	17	18	19	20	21
	bearing acres d/								
1923	434,371	69,678	4,350	36,353	28,975	277,081	222,960	36,420	17,701
1927	635,464	100,157	9,805	42,169	48,183	406,337	301,120	75,137	30,080
1930	549,862	111,737	8,662	37,937	65,138	315,158	223,271	59,616	32,271
1936	469,525	89,539	7,378	28,712	53,449	276,530	208,831	43,420	24,279
1940	482,345	90,610	8,593	28,507	53,510	286,270	218,403	44,702	23,165
1949 d/	475,442	80,166	8,005	26,847	45,314	299,153	210,481	57,957	30,715
1950	485,169	79,924	7,756	27,993	44,175	307,494	214,920	60,319	32,255

b/ (Revised) Counties included in each district:

Central Coast--Mendocino, Lake, Sonoma, Napa, Marin, Contra Costa, Alameda, Santa Clara, San Mateo, Santa Cruz, San Benito, Monterey, San Luis Obispo.

Southern California--Santa Barbara, Ventura, Los Angeles, Orange, San Bernardino, Riverside, San Diego, Imperial.

San Joaquin Valley--Merced, Madera, Fresno, Kings, Tulare, Kern.

Sacramento Valley--Yuba, Sutter, Colusa, Butte, Glenn, Tehema.

Central Valley--Amador, El Dorado, Placer, Yolo, Solano, Sacramento, San Joaquin, Stanislaus.

d/ (Revised) These series are subject to revision by the California Crop Reporting Service. See footnote c/ to table 1 for further information.

California Grape Acreage by Varietal Classes and for Wine Varieties, Per Cent Each Variety of All Varieties, by Districts, 1950

Variety and group	State total	Interior Valley a/					Central Coast a/	Southern California a/
		Total	San Joaquin and Central			Sacramento Valley		
			Total	San Joaquin	Central Valley			
	1	2 (3+6)	3 (4+5)	4	5	6	7	8
	per cent of district total acres of all varieties							
All varieties	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Table varieties	19.3	23.0	23.2	20.2	34.9	7.9	0.6	7.6
Raisin varieties	48.2	56.9	57.3	69.3	9.7	11.7	0.4	26.1
Muscat	7.9	8.9	8.9	11.0	.4	5.3	0.3	0.8
Wine varieties	32.5	20.1	19.6	10.5	55.3	80.4	99.0	66.3
Red, total	27.2	17.6	17.0	8.3	51.2	78.4	76.0	56.2
Zinfandel	8.2	4.5	4.3	0.6	18.8	30.6	29.9	16.0
Carignane	6.5	5.2	5.2	2.4	16.3	5.4	18.7	4.3
Alicante B	3.7	3.6	3.6	2.3	8.5	7.3	4.3	4.4
Mission	2.3	1.2	1.1	0.6	3.1	9.7	0.8	12.4
Mataro	1.0	0.2	0.1	d/	0.1	21.9	2.0	6.2
Petite Sirah	1.0	0.2	0.2	0.1	0.7	0.9	8.2	d/
Grenache	1.9	1.2	1.2	1.0	2.1	1.1	1.0	7.9
Others	2.7	1.3	1.3	1.3	1.6	1.7	11.1	4.9
White, total	5.3	2.5	2.5	2.2	4.1	1.9	23.0	10.1
G. Chasselas c/	1.2	0.3	0.3	0.3	0.5	0.4	5.1	4.7
Palomino	0.9	1.1	1.1	0.9	1.8	0.3	0.5	.1
Burger	0.7	0.4	0.4	0.2	1.3	0	1.2	2.8
Columbar c/	0.2	d/	d/	d/	d/	d/	2.2	0
F. Riesling c/	0.2	d/	d/	d/	d/	0	2.2	0
Sauvignon Blanc	0.4	d/	d/	d/	d/	0	3.7	0
Others	1.6	0.7	.7	.7	0.4	1.2	8.1	2.4

a/ (Revised) For counties included in each district, see footnote a/ to New Appendix Table 3.
c/ See footnote b/ to New Appendix Table 3.
d/ Less than one-tenth of one per cent.

Source: Computed by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, November 1951, from total bearing and nonbearing acreage data from California Crop Reporting Service given in New Appendix Table 3.

Table 3.

APPENDIX TABLE 7 (p. 9c)

California Total Wine Grape Acreage by Varieties, 1936-1950

Variety	1950	1949	1940	1937	1936
	1	2	3	4	5
	total acres[a/] [c/]				
Wine, total	163,683	167,200	169,358	174,607	171,575
Dark, total	136,889	139,973	153,702	160,189	158,182
Zinfandel	41,178	40,483	51,637	53,898	53,343
Alicante B.	18,836	19,403	28,193	30,339	30,240
Mataro	5,100	5,875	7,578	8,228	7,977
P. Sirah	5,100	5,172	7,541	7,546	7,508
Mission	11,375	11,642	9,740	10,767	10,164
Grenache	9,338	8,993	3,002	2,995	2,980
Carignane	32,600	34,195	30,971	31,099	30,729
Other	13,362	14,210	15,040	15,317	15,241
White, total	26,794	27,227	15,656	14,418	13,393
G. Chasselas[b/]	10,871	9,074	4,102	3,232	3,020
Burger	3,734	3,807	3,033	2,750	2,117
F. Riesling[b/]	1,151	1,007	498	505	507
Colombar[b/]	1,128	3,119	1,515	1,545	1,545
Other	9,910	10,220	6,508	6,386	6,204

c/ These series are subject to revisions being made by the California Crop Reporting Service on the basis of its resurvey during 1948-1950 of acreage by county, by variety and age. Its 1950 acreage report is the first one based on the completed resurvey for all counties. Actual changes in acres since 1947 are not so great as shown for 1948 and 1949 by this table as the county resurvey data were incorporated for each county when the survey was completed for a given county. The completed resurvey acreage by age of planting for 1950 by districts, by variety, are shown in new table 3 for wine varieties and new table 11 for table and raisin varieties. State acreage by varieties in 1950 by age planted is shown in new table 8 for wine varieties and new table 10, Part I for table varieties and Part 2 for raisin varieties. Acreages for 1936 are from the first detailed census of the California Crop Reporting Service by variety, by age, which was slightly incomplete, and the 1937 acreage given believed to be nearer complete totals for both 1936 and 1937.

NEW APPENDIX TABLE 8 (p. 10c) FOR 1950

California Wine Grape Acreage Standing in 1950 by Variety and Years Planted

Variety	Years planted by groups of years						
	All years	1945-1949	1940-1944	1935-1939	1935-1950	1930-1934	1929 or earlier
	1	2	3	4	5	6	7
	Acres standing in 1950 by years planted						
Wine, total	163,683	28,117	18,054	12,776	59,602	12,450	91,631
Dark, total	136,889	19,235	13,085	9,114	42,024	10,388	84,477
Increasing							
Carignane	32,600	5,994	4,205	2,260	12,566	2,735	17,299
Mission	11,375	2,291	1,352	1,040	4,719	380	6,276
Grenache	9,338	3,511	2,125	714	6,417	209	2,712
Decreasing							
Zinfandel	41,178	2,534	2,535	2,603	7,707	3,669	29,802
Alicante B.	18,836	1,381	611	742	2,761	1,853	14,222
Mataro	5,100	157	70	223	474	582	4,044
P. Sirah	5,100	236	369	201	807	320	3,973
Unspecified	13,362	3,131	1,818	1,331	6,573	640	6,149
White, total	26,794	8,882	4,969	3,662	17,578	2,062	7,154
Golden Chas.	6,146	1,766	1,330	937	4,039	576	1,531
Palomino	4,725	2,846	782	487	4,120	177	428
Sauvignon B.	1,909	539	325	301	1,170	146	593
Colombar	1,128	431	111	98	647	113	368
F. Reisling	1,151	502	160	87	754	52	345
Burger	3,734	757	688	668	2,113	208	1,413
Unspecified	8,001	2,041	1,573	1,084	4,735	790	2,476
	Acres standing in 1950 by year planted 1944-1950						
	1950	1949	1948	1947	1946	1945	1944
Wine, total	655	791	2,372	5,819	7,524	11,611	6,651
Dark, total	590	614	1,766	3,869	5,388	7,598	4,421
Increasing							
Carignane	107	168	584	1,027	1,782	2,433	1,431
Mission	36	--	178	372	479	1,262	519
Grenache	67	77	259	903	753	1,519	610
Decreasing							
Zinfandel	35	195	296	526	690	827	505
Alicante B.	27	16	46	276	650	393	293
Mataro	24	6	7	10	106	28	9
P. Sirah	1	1	40	45	64	86	149
Unspecified	293	151	356	710	864	1,050	905
White, total	65	177	606	1,950	2,136	4,013	2,230
Golden Chas.	6	19	109	575	371	692	551
Palomino	5	10	63	540	731	1,502	459
Sauvignon B.	5	22	51	126	172	168	69
Columbar	7	15	107	128	146	35	51
F. Reisling	5	18	11	185	163	125	60
Burger	--	4	88	59	160	446	326
Unspecified	37	89	177	337	393	1,045	714

Source: Compiled by S.W. Shear, Giannini Foundation of Agricultural Economics, University of California, Nov. 1951, from N.P. Byrd & R.E. Blair. Acreage Estimates California Fruit & Nut Crops as of 1950, Calif. Crop and Livestock Reporting Service, June 1951, p. 23.

APPENDIX TABLE 9 (p. 11c)

California Total Table Grape Acreage by Varieties, 1936-1950

Year of harvest	Table, total	Emperor	Tokay	Red Malaga	Ribier	White Malaga	Not specified	Concord
	1	2	3	4	5	6	7	8
	Bearing and nonbearing acres c/							
1937	83,139	18,107	27,186	5,131	4,253	20,999	6,143	1,320
1949	95,588	35,702	26,225	7,340	6,798	12,056	6,991	476
1950	97,026	35,883	27,561	7,451	6,702	11,301	7,662	466
	Per cent acreage of each variety of all table varieties b/							
1937	16.6 b/	21.8	32.7	6.2	5.1	25.2	7.4	1.6
1949	18.9 b/	37.3	27.4	7.7	7.1	12.6	7.3	0.5
1950	19.3 b/	37.0	28.4	7.7	6.9	11.6	7.9	0.5
	Percentage of 1937 acreage							
1949	115.0	197.2	96.5	143.1	159.8	57.4	113.8	36.1
1950	116.7	198.2	101.4	145.2	157.6	53.8	124.7	35.3

c/ See revised table 10 for 1950 acreage by years planted which data, however, are not strictly comparable to the series in this table 9 which are subject to revisions being made by the California Crop Reporting Service on the basis of its resurvey during 1948-1950 of acreage by county, by variety and age. Its 1950 acreage report is the first one based on the completed resurvey for all counties. Actual changes in acres since 1947 are not so great for 1948 and 1949 as shown by this table as the county resurvey data were incorporated for each county when the survey was completed for a given county. The completed resurvey acreages by age of planting for 1950 by districts, by variety are shown in new table 3 for wine varieties and new table 11 for table and raisin varieties. State acreage by varieties in 1950 by age planted is shown in new table 8 for wine varieties and new table 10, Part 1 for table varieties and Part 2 for raisin varieties.

NEW APPENDIX TABLE 10 (p. 12c), PART 1, TABLE VARIETIES

California Table Grape Acreage Standing in 1950 by Variety and Years Planted

Variety	Years Planted by Groups of Years						
	All years	1945-1949	1940-1944	1935-1939	1935-1950	1930-1934	1929 or earlier
	1	2	3	4	5	6	7
	acres planted in years indicated, still standing in 1950						
Table, total	97,026	18,196	11,456	9,750	40,745	5,937	50,344
Emperor	35,883	8,673	5,843	5,237	20,284	2,741	12,858
Except Emperor	61,143	9,523	5,613	4,513	20,461	3,196	37,486
Tokay	27,561	2,215	2,315	1,492	6,169	930	20,462
Red Malaga	7,451	2,258	1,368	881	4,575	559	2,317
Ribier	6,702	1,459	1,010	1,238	3,717	923	2,062
Cardinal	2,221	1,733	14	--	2,169	5	47
Not specified	5,441	1,037	610	503	2,300	164	2,977
White Malaga	11,301	651	234	342	1,241	570	9,490
Concord	466	170	62	57	290	45	131
	Years Planted by Individual Years, 1944-1950						
	1950	1949	1948	1947	1946	1945	1944
	acres planted in year indicated, still standing in 1950						
Table, total	1,343	1,321	2,490	4,031	4,691	5,663	4,141
Emperor	531	148	646	1,974	2,505	3,400	1,971
Except Emperor	812	1,173	1,844	2,057	2,186	2,263	2,170
Tokay	147	97	200	499	548	871	740
Red Malaga	68	207	428	918	391	314	752
Ribier	10	12	260	329	425	433	359
Cardinal	422	634	766	117	172	44	10
Not specified	150	185	108	115	323	306	201
White Malaga	14	28	28	68	256	271	101
Concord	1	10	54	11	71	24	7

Source: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, November 1951, from N. P. Byrd and R. E. Blair, Acreage Estimates California Fruit and Nut Crops as of 1950, California Crop and Livestock Reporting Service, June 1951, p. 23.

[illegible]

Table [illegible] Number of Deaths [illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Table, total	97,026	18,195	14,856	9,440	4,[illegible]	5,237	50,344
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12,[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1,[illegible]	1,[illegible]	1,[illegible]	[illegible]	[illegible]	2,[illegible]
Cardinal	2,221	1,[illegible]	1,[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	5,[illegible]	1,[illegible]	610	[illegible]	[illegible]	[illegible]	2,[illegible]
[illegible]	11,[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Table, total	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cardinal	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Concord	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NEW APPENDIX TABLE 10 (p. 12c), PART 2, RAISIN VARIETIES

California Raisin Grape Acreage Standing in 1950 by Variety and Years Planted

Variety	Years Planted by Groups of Years						
	All years	1945-1949	1940-1944	1935-1939	1935-1950	1930-1934	1929 or earlier
	1	2	3	4	5	6	7
	acres planted in years indicated still standing in 1950						
Average		6,048	4,158	4,558	4,751	3,126	
Raisin, total	242,924	30,240	20,788	22,790	76,014	15,629	151,281
Muscat	39,791	3,146	1,906	1,508	6,835	771	32,185
Seedless, total	203,133	27,094	18,882	21,282	69,179	14,858	119,096
Except currants	200,678	26,826	18,449	20,590	67,778	14,352	118,548
Thompson Seedless	194,493	26,702	17,922	20,160	66,697	14,112	113,684
Sultana	4,578	51	49	187	287	79	4,212
Currants	2,455	268	433	692	1,401	506	548
Others	1,607	73	478	243	794	161	652
	Years Planted by Individual Years, 1944-1950						
	1950	1949	1948	1947	1946	1945	1944
	acres planted in year indicated still standing in 1950						
Raisin, total	2,196	2,826	4,013	8,466	7,392	7,543	5,035
Muscat	275	241	313	1,015	721	856	457
Seedless, total	1,921	2,585	3,700	7,451	6,671	6,687	4,578
Except currants	1,913	2,564	3,675	7,364		6,623	4,555
Thompson Seedless	1,913	2,546	3,633	7,353	6,584	6,586	4,373
Sultana	--	--	42	--	3	6	10
Currants	8	21	25	87	71	64	23
Others	--	18	--	11	13	31	172

Source: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, November 1951, from N. P. Byrd and R. E. Blair, Acreage Estimates California Fruit and Nut Crops as of 1950, California Crop and Livestock Reporting Service, June 1951, p. 23.

NEW APPENDIX TABLE 11 (p. 13c)

California Raisin and Table Grape Acreage by Varieties by Districts, 1950

Variety and group	State total	Interior Valley a/					Central Coast a/	Southern California a/
		Total	San Joaquin and Central			Sacramento Valley		
			Total	San Joaquin	Central Valley			
	1	2 (3+6)	3 (4+5)	4	5	6	7	8
	acres, bearing and nonbearing total							
Table, total	97,026	92,934	92,650	64,382	28,268	284	293	3,799
Emperor	35,883	35,866	35,862	35,476	386	4	0	17
Except Emperor	61,143	57,068	56,788	28,906	27,882	280	293	3,782
Tokay	27,561	26,803	26,691	689	26,002	112	64	694
Red Malaga	7,451	6,953	6,949	6,614	335	4	0	498
Ribier	6,702	6,239	6,223	6,060	163	16	64	399
Cardinal	2,221	1,857	1,857	1,831	26	0	0	364
Not specified	5,441	4,268	4,185	3,499	686	83	133	1,040
White Malaga	11,301	10,783	10,754	10,094	660	29	5	513
Concord	466	165	129	119	10	36	27	274
Raisin, total	242,924	229,683	229,262	221,386	7,876	421	179	13,062
Muscat	39,791	35,770	35,578	35,248	330	192	150	3,871
Seedless, total	203,133	193,913	193,684	186,138	7,546	229	29	9,191
Except currants	200,678	191,458	191,229	183,699	7,530	229	29	9,191
Thompsons	194,493	186,049	185,833	178,384	7,449	216	28	8,416
Sultana	4,578	3,808	3,796	3,796	0	12	1	769
Currants	2,455	2,455	2,455	2,439	16	0	0	0
Other	1,607	1,601	1,600	1,519	81	1	0	6

a/ For counties included in each district, see table 5, footnote b/ (revised).

Source: Compiled by S. W. Shear, Giannini Foundation, University of California, November 1951, from California Crop Reporting Service unpublished county acreage estimates by varieties comparable to published 1950 data in table 4.

APPENDIX TABLE 12 (p. 14c)

California Total Raisin Grape Acreage by Varieties, by Districts, 1936-1948

Note: Comparison of 1936 and 1950 acreage omitted because revised 1936 data strictly comparable to 1950 data are not yet available. The California Crop Reporting Service is revising these historical series on the basis of a complete resurvey of 1950 acreage by variety by year planted.

APPENDIX TABLE 13 (p. 15c)

California Grapes, All Varieties: Bearing Acreage, Production, Per Cent of Full Crop and Yield Per Bearing Acre, 1919-1951

Year of harvest	Bearing acres	Yield per bearing acre	Production estimates			Calculated full or 100% crop	
				November 1 a/			
			Final	Preliminary	% of full crop yield	Production b/	Yield per acre c/
	1	2 (3÷1)	3	4	5	6 (4÷5)	7 (6÷1)
	acres	tons			%	tons	
Averages:							
1934-1938	481,000	4.4	2,119,000	1,994,000	77	2,595,000	5.4
1945-1949	492,000	5.6	2,767,000	2,712,000	82	3,298,000	6.7
Annual:							
1946	494,000	6.0	2,958,000	2,641,000	85	3,091,000	6.3
1947	500,000	5.7	2,836,000	2,811,000	83	3,370,000	6.7
1948	498,000	5.8	2,891,000	2,750,000	81	3,399,000	6.8
1949	475,000	5.2	2,485,000	2,680,000	75	3,550,000	7.5
1950	480,500	5.0	2,411,000	2,309,000	69	3,339,000	6.9
1951	488,000	6.2	--	3,025,000	86	3,524,000	7.2

a/ (Revised) All data cols. 4 & 5 as of November 1.
b/ (Revised) For recent years cols. 4 & 6 are sum of corresponding production estimates for table, wine, and raisin varieties in tables 14, 15, and 16 and col. 5 is col. 5 divided by col. 6. Other years col. 5 equals col. 4 divided by col. 6.
c/ (Revised) Full crop, col. 6, divided by bearing acres, col. 1.

APPENDIX TABLE 14 (p. 16c)

California Table Grape Varieties: Bearing Acreage, Production, Per Cent of Full Crop and Yield Per Bearing Acre, 1919-1951

Year of harvest	Bearing acres	Yield per bearing acre	Production estimates			Calculated full or 100% crop	
				November 1 a/			
			Final	Preliminary	% of full crop yield	Production b/	Yield per acre c/
	1	2 (3÷1)	3	4	5	6 (4÷5)	7 (6÷1)
	acres	tons			%	tons	
Averages:							
1934-1938	80,000	4.6	371,000	352,000	76	461,000	5.7
1945-1949	83,000	6.9	574,000	558,000	80	695,000	8.4
Annual:							
1946	80,000	7.9	630,000	542,000	86	630,000	7.9
1947	81,000	7.6	620,000	605,000	84	720,000	8.9
1948	85,000	7.0	592,000	583,000	78	747,000	8.8
1949	88,000	5.8	514,000	547,000	72	760,000	8.6
1950	91,000	6.3	569,000	511,000	73	700,000	7.7
1951	93,000	7.5	--	683,000	85	804,000	8.6

a/ (Revised) All data in cols. 4 and 5 as of November 1.
b/ (Revised) Preliminary November 1 estimated production divided by per cent of full crop yield, col. 5.
c/ (Revised) Full crop, col. 6, divided by bearing acres, col. 1.

APPENDIX TABLE XI (p. 16)

California Tables Grape Varieties: Bearing Average, Production, Per Cent of Full Crop and Yield Per Bearing Acre, 1950-1951

Year of harvest	Bearing acres	Per bearing acre	Total	Preliminary	Per cent of full crop yield	Revised by
1950	[illegible]	5.6	[illegible]	[illegible]		
1951	[illegible]	6.0	[illegible]	[illegible]		
1952	[illegible]	2.7	[illegible]	[illegible]		
1953	[illegible]	5.8	[illegible]	[illegible]		
1954	[illegible]	5.2	[illegible]	[illegible]		
1955	[illegible]	5.0	[illegible]	[illegible]		

(revised) All data in cols. 1 & 2 as of November 1.
(summary) For recent years cols. 4 & 5 are one of several alternative production estimates for table. Wine, and raisin varieties in table 16, and 16 and cols. 4 & 5 in col. 5 is used by col. 6. Other years col. 5 equals col. 4 divided by col. 6.
(revised) Full crop, col. 6, divided by bearing acres, col. 1.

APPENDIX TABLE XI (p. 16)

California Table Grape Varieties: Bearing Average, Production, Per Cent of Full Crop and Yield Per Bearing Acre, 1950-1951

Year of harvest	Bearing acres	Per bearing acre	Total	Preliminary	Per cent of full crop yield	Revised by
1950	[illegible]	[illegible]	[illegible]	[illegible]		
1951	[illegible]	[illegible]	[illegible]	[illegible]		
1952	[illegible]	[illegible]	[illegible]	[illegible]		
1953	[illegible]	[illegible]	[illegible]	[illegible]		
1954	[illegible]	[illegible]	[illegible]	[illegible]		
1955	[illegible]	[illegible]	[illegible]	[illegible]		

(revised) All data in cols. 1 and 2 as of November.
(summary) Preliminary November 1 estimate production divided by per cent of full crop yield, col. 5.
(revised) Full crop, col. 6, divided by bearing acres, col. 1.

APPENDIX TABLE 15 (p. 17c)

California Wine Grape Varieties: Bearing Acreage, Production, Per Cent of Full Crop and Yield Per Bearing Acre, 1919-1951

Year of harvest	Bearing acres	Yield per bearing acre	Production estimates			Calculated full or 100% crop	
				November 1 a/			
			Final	Preliminary	% of full crop yield	Production b/	Yield per acre c/
	1	2(3÷1)	3	4	5	6(4÷5)	7(6÷1)
	acres	tons			%	tons	
Averages:							
1934-1938	168,000	3.3	553,000	520,000	81	644,000	3.8
1945-1949	167,000	3.6	596,000	584,000	80	733,000	4.4
Annual:							
1946	165,000	4.1	684,000	611,000	86	710,000	4.3
1947	169,000	3.1	517,000	570,000	74	770,000	4.6
1948	175,000	3.5	620,000	609,000	81	752,000	4.3
1949	159,000	3.4	538,000	578,000	75	771,000	4.8
1950	159,000	3.4	535,000	515,000	66	780,000	4.9
1951	160,000	3.9	--	624,000	79	790,000	4.9

a/ (Revised) All data in cols. 4 and 5 as of November 1.
b/ (Revised) Preliminary November 1 estimated production divided by per cent of full crop yield, col. 5.
c/ (Revised) Full crop, col. 6, divided by bearing acres, col. 1.

APPENDIX TABLE 16 (p. 18c)

California Raisin Grape Varieties: Bearing Acreage, Production, Per Cent of Full Crop and Yield Per Bearing Acre, 1919-1951

Year of harvest	Bearing acres	Yield per bearing acre	Production estimates			Calculated full or 100% crop	
				November 1 a/			
			Final	Preliminary	% of full crop yield	Production b/	Yield per acre c/
	1	2(3÷1)	3	4	5	6(4÷5)	7(6÷1)
	acres	tons			%	tons	
Averages:							
1934-1938	233,000	5.1	1,195,000	1,122,000	76	1,483,000	6.4
1945-1949	243,000	6.6	1,597,000	1,570,000	85	1,868,000	7.6
Annual:							
1946	249,000	6.6	1,644,000	1,488,000	85	1,751,000	7.0
1947	250,000	6.8	1,699,000	1,636,000	87	1,880,000	7.5
1948	238,000	7.0	1,679,000	1,558,000	82	1,900,000	8.0
1949	228,000	6.3	1,433,000	1,555,000	77	2,019,000	8.9
1950	231,000	5.6	1,307,000	1,283,000	69	1,859,000	8.0
1951	235,000	7.2	--	1,718,000	89	1,930,000	8.2

a/ (Revised) All data in cols. 4 and 5 as of November 1.
b/ (Revised) Preliminary November 1 estimated production divided by per cent of full crop yield, col. 5.
c/ (Revised) Full crop, col. 6, divided by bearing acres, col. 1.

[illegible]

APPENDIX TABLE 17 (p. 19c)

California Table and Raisin Grapes, Per Cent of Full Crop as of October 1, by Districts, 1930-1951

Year of harvest	District number and name a/				
	5	5A	3 and 6	8	
	Sacramento Valley	San Joaquin Valley	Sierra Mountain	Southern counties	State
	1	2	3	4	5
	per cent of full crop b/				
	Table Varieties				
Averages:					
1934-1938	65	75	59	74	73
1945-1949	80	82	85 d/	80	82
Annual:					
1950	60	75	60	67	73
1951	72	88	85	73	87
	Raisin Varieties				
Averages:					
1934-1938	75	75	c/	75	75
1945-1949	82	85	c/	76	85
Annual:					
1950	c/	69	c/	76	69
1951	c/	89	c/	66	88

a/ See footnote a/ to table 18 next page.

b/ See footnote b/ to table 18 next page.

c/ No data reported.

d/ Two-year average, 1945 and 1946, for Sierra Mountain as no data reported for 1947-1949.

APPENDIX TABLE 18 (p. 20c)

California Wine Grapes, Per Cent of Full Crop by Crop Reporting Districts as of October 1, 1930-1951

Year of harvest	District number and name a/						
	1 b/	4	5	5A	3 and 6	8	
	North Coast	Bay and Central Coast	Sacramento Valley	San Joaquin Valley	Sierra Mountain	Southern counties	State
	1	2	3	4	5	6	7
	per cent of full crop b/						
Averages:							
1934-1938	77	78	79	80	72	77	79
1945-1949	73	78	80	82	87	76	79
Annual:							
1950	58	57	62	73	60	67	66
1951	73	80	86	87	87	58	79

a/ Official districts as used by the California Crop Reporting Service in reporting per cent of full crop are as follows:

No. 1. North Coast--Del Norte, Humboldt, and Mendocino.
No. 4. Bay and Central Coast--Lake, Sonoma, Napa, Marin, San Francisco, San Mateo, Contra Costa, Alameda, Santa Clara, Santa Cruz, Monterey, and San Luis Obispo.
No. 5. Sacramento Valley--Tehama, Butte, Yuba, Glenn, Colusa, Sutter Yolo, Solano, and Sacramento.
No. 5A. San Joaquin Valley--San Joaquin, Stanislaus, Merced, Madera, Fresno, Tulare, Kings, and Kern.
Nos. 3 and 6. Sierra Mountain--Modoc south through Inyo of very minor importance in grape growing.
No. 8. Southern--Counties south of Tehachapi Mountains, Santa Barbara, Ventura, Los Angeles, San Bernardino, Riverside, Imperial, San Diego, and Orange.

Note that crop reporting districts in this table differ from those used by S. W. Shear elsewhere in this report on acreage, production, and crush, except for southern California. The Central Coast district as used by Shear corresponds to Crop Reporting District 4, except that Humboldt and Mendocino are included in it.

b/ No official county or district tonnage estimates of grape production or yield per bearing acre are available so these estimates of per cent of full-crop yield are included. They are the only official historical series giving approximate relative indications of grape yields per bearing acre by districts. They are averages of individual opinion-estimates of voluntary crop reporters who cooperate with the state and federal Crop Reporting Service. See footnote to table 19 for list of wine varieties.

APPENDIX TABLE 19 (p. 21c)

Grape Production: United States and California by Varietal Classes, 1919-1951

Year of harvest	United States total	Other states total	California			
			Varietal class b/			
			Total	Raisin	Table	Wine
	1	2	3	4	5	6
	thousands of short tons, total of value and no value a/					
Averages:						
1934-1938	2,346	227	2,119	1,195	371	553
1945-1948	3,014	177	2,837	1,638	588	610
1945-1949	2,941	177	2,764	1,595	574	595
Annual:						
1948	3,078	187	2,891	1,679	592	620
1949	2,650	177	2,473	1,421	514	538
1950	2,707	274	2,433	1,326	595	512
1951 d/	3,281	174	3,107	1,752	718	637

b/ (Revised) For list of chief varieties included in each varietal class, see footnote a/ (revised) to table 2.
d/ Preliminary 1951 estimate as of December 1, 1951.

APPENDIX TABLES 20-21 (p. 22c-23c)

Grapes: Production and Disposition, United States, California, and Other States, 1934-1951

Year of harvest	United States	California	Other states	United States	California	Other states b/
	1	2	3	4	5	6
	short tons					
	PRODUCTION					
	Total of value and no value a/			Having value		
Averages:						
1934-1938	2,345,940	2,118,600	227,340	2,343,940	2,118,600	225,340
1945-1948	3,013,925	2,837,000	176,925	3,010,865	2,834,000	176,865
1945-1949	2,941,160	2,764,200	176,960	2,938,712	2,761,800	176,912
Annual:						
1948	3,078,400	2,891,000	187,400	3,078,160	2,891,000	187,160
1949	2,650,100	2,473,000	177,100	2,650,100	2,473,000	177,100
1950	2,707,400	2,433,000	274,400	2,704,000	2,433,000	271,000
1951 d/	3,280,900	3,107,000	173,900	3,280,900	3,107,000	173,900
	FARM DISPOSITION					
	Farm household use			Sold		
Averages:						
1934-1938	42,790	3,520	39,270	2,301,150	2,115,080	186,070
1945-1948	28,548	2,700	25,848	2,982,318	2,831,300	151,018
1945-1949	28,178	2,700	25,478	2,910,534	2,759,100	151,434
Annual:						
1948	27,700	2,700	25,000	3,050,460	2,888,300	162,160
1949	26,700	2,700	24,000	2,623,400	2,470,300	153,100
1950	29,455	2,700	26,755	2,674,545	2,430,300	244,245

d/Preliminary 1951 estimates as of December 1, 1951.

APPENDIX TABLE 22 (p. 24c)

Grapes: Utilization in States Other Than California, 1934-1950

Year of harvest	Production total	Farm disposition			Utilization of sales	
		Production of value	Farm home use	Sold	Fresh sales a/	Processed total a/
	1	2	3	4	5	6
	short tons					
Averages:						
1934-1938	227,340	225,340	39,270	186,070	130,407	55,663
1945-1949	176,960	176,912	25,478	151,434	35,378	116,056
Annual:						
1949	177,100	177,100	24,000	153,100	33,190	119,910
1950	274,400	271,000	26,755	244,245	36,394	207,851
1951 c/	173,900					

c/ Preliminary 1951 estimates as of November 1, 1951.

APPENDIX TABLE 23 (p. 25c)

Grapes: Utilization in States Other Than California,
Per Cent of Production Having Value, 1934-1950

Year of harvest	Farm disposition			Utilization of sales	
	Production of value	Farm home use	Sold	Fresh sales a/	Processed total d/
	1	2	3	4	5
	per cent of production having value				
Averages:					
1934-1935	100.0	17.4	82.6	57.9	24.7
1945-1949	100.0	14.4	85.6	20.0	65.6
Annual:					
1949	100.0	13.6	86.4	18.7	67.7
1950	100.0	9.9	90.1	13.4	76.7

NEW APPENDIX TABLES 24 (p. 26c) & 25 (p. 27c)

Grapes: Fresh Sales and Commercial Crush for Wine, Brandy, and Juice By Chief States of Origin, 1934-1950

Year of harvest	United States total	California	States other than California								
			Total	New Jersey	Pennsylvania	Ohio	New York	Michigan	Arkansas	Washington	Other a/
	1	2	3	4	5	6	7	8	9	10	11
	short tons, fresh weight										
	Fresh Sales										
Average: 1945-1949	574,978	539,600	35,378	908	1,740	3,040	5,356	8,346	1,214	1,782	12,992
Annual:											
1949	553,390	520,200	33,190	1,250	2,100	3,200	4,680	7,510	2,220	1,800	10,430
1950	534,094	497,700	36,394	1,200	1,900	3,400	7,300	7,380	2,400	1,470	11,344
	Commercial Crush for Wine, Brandy, and Juice										
Average: 1945-1949	1,328,456	1,212,400	116,056	718	11,340	6,980	46,904	19,730	8,184	18,528	3,672
Annual:											
1949	1,007,710	887,800	119,910	650	10,000	10,400	42,100	25,090	8,600	18,200	4,870
1950	1,497,851	1,290,000	207,851	1,000	26,800	16,600	92,700	35,520	8,920	20,730	5,581

SEE APPENDIX TABLES 24 (p. 264) & 25 (p. 266)

Chapter: Fresh Dates and Commercial Jards for Wine, Brandy, and Juice by United States of Origin, 1976-1979

Year Harvested	Unknown Origin Total	Canada	Chile	Mexico	Peru	Spain	Other Countries	Total
	1	2	3	4	5	6	7	8
	Fresh Dates, Fresh or Dried							
	Fresh Dates							
Monthly:								
1976	374,170							
1977	323,230							
1978	324,034							
	Commercial Jards for Wine, Brandy, and Juice							
Average:								
1976-1979	1,325,495	1,212,470						
Annual:								
1976	1,417,323	1,280,000	900,000	1,000	25,000	10,500	32,170	35,420

NEW APPENDIX TABLE 26 (p. 28c)[a]
California Grape Uses by Varietal Classes,
Averages 1934-1938 and 1945-1948, Annual 1949 and 1950

Varietal class[b]	Annual 1950	Annual 1949	Averages 1945-1948	Averages 1934-1938	Annual 1950	Annual 1949	Averages 1945-1948	Averages 1934-1938
	1	2	3	4	5	6	7	8
	tons fresh weight				per cent of harvested production			
	Harvested Production							
All, total[c]	2,433,000	2,473,000	2,834,000	2,118,600	100.0	100.0	100.0	100.0
Raisin[c]	1,326,000	1,421,000	1,635,500	1,195,000	100.0	100.0	100.0	100.0
Table	595,000	514,000	588,500	371,000	100.0	100.0	100.0	100.0
Wine	512,000	538,000	610,000	552,600	100.0	100.0	100.0	100.0
	Used for Drying							
All, total	618,600	1,037,300	973,700	881,500	25.4	41.9	34.4	41.6
Raisin	618,000	1,036,000	971,500	874,400	46.6	72.9	59.4	73.2
Table	600	1,300	400	6,100	0.1	0.2	0.1	1.7
Wine	--	--	1,800	1,000	--	--	0.2	0.2
	Used for Commercial Crush by California Wineries							
All, total	1,290,000	887,800	1,293,600	736,800	53.0	35.9	45.6	34.8
Raisin	538,700	202,900	483,400	186,800	40.6	14.3	29.6	15.6
Table	317,300	237,400	311,000	160,300	53.3	46.3	53.7	43.2
Wine	434,000	447,500	499,200	389,700	84.8	83.2	81.2	70.6
	Shipped for Home Wine Making							
All, total	105,000	125,500	148,600	209,900	4.3	5.1	5.2	9.9
Raisin	24,000	34,000	37,700	42,900	1.8	2.4	2.3	3.6
Table	3,000	1,000	1,900	5,100	0.5	0.2	0.3	1.4
Wine	78,000	90,500	109,000	161,900	15.2	16.8	18.6	29.3
	Shipped for Fresh Table Use							
All, total	395,400	397,400	398,500	286,300	16.3	16.1	14.1	13.5
Raisin	121,300	123,100	123,300	86,900	9.1	8.7	7.5	7.3
Table	274,100	274,300	275,200	199,400	46.1	53.4	45.9	53.7

a/ This table is revised, enlarged as a complete substitute for table 26.
b/ For chief varieties included in each class, see footnote a/(revised) to table 2.
c/ Harvested production of all and of raisin varieties includes canned tons not shown separately of: 1950, 24,000; 1949, 25,000; 1945-1948 average, 19,600; and 1934-1938 average, 4,100.

Source: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, Berkeley, November 1951, from reports of California Crop and Livestock Reporting Service except shipped for home wine making and fresh table use estimated by S. W. Shear.

APPENDIX TABLES 27 (p. 29c) and 28 (p. 30c)

California Production and Utilization of All Varieties of Grapes, Tonnage and Per Cent of Harvested Production, 1927-1950

Year of harvest	Harvested production a/	Canned	Dried b/	Used fresh for juice: Total	Used fresh for juice: Commercial crush	Used fresh for juice: Other: Total	Used fresh for juice: Other: Within state	Used fresh for juice: Other: Inter-state	Fresh table use: Inter-state	Fresh table use: Within state	Fresh table use: Total
	1	2	3	4	5	6	7	8	9	10	11
	Short tons, fresh weight										
Averages:											
1934-1938	2,118,600	4,100	881,500	946,700	736,800	209,900	18,900	191,000	242,000	44,300	286,300
1935-1939	2,224,200	5,800	940,200	985,900	773,200	212,700	16,000	196,700	245,900	46,400	292,300
1945-1948	2,834,000	19,600	973,700	1,442,200	1,293,600	148,600	5,000	143,600	337,900	60,600	398,500
1945-1949	2,761,800	20,700	986,400	1,356,400	1,212,400	144,000	5,100	138,900	336,300	62,000	398,300
Annual:											
1948	2,891,000	30,000	928,200	1,527,600	1,386,300	141,300	4,500	136,800	333,800	71,400	405,200
1949	2,473,000	25,000	1,037,300	1,013,300	887,800	125,500	5,300	120,200	330,000	67,400	397,400
1950	2,433,000	24,000	618,600	1,395,000	1,290,000	105,000	4,700	100,300	332,700	63,700	395,400
	Per cent of harvested production										
Averages:											
1934-1938	100.0	.2	41.6	44.7	34.8	9.9	.9	9.0	11.4	2.1	13.5
1935-1939	100.0	.3	42.3	44.3	34.8	9.5	.7	8.8	11.0	2.1	13.1
1945-1948	100.0	.7	34.4	50.9	45.6	5.3	.2	5.1	11.9	2.1	14.0
1945-1949	100.0	.8	35.7	49.1	43.9	5.2	.2	5.0	12.2	2.2	14.4
Annual:											
1948	100.0	1.0	32.1	52.9	48.0	4.9	.2	4.7	11.5	2.5	14.0
1949	100.0	1.0	41.9	41.0	35.9	5.1	.2	4.9	13.3	2.7	16.1
1950	100.0	.9	25.4	57.3	53.0	4.3	.2	4.1	13.7	2.6	16.3

b/ (Revised) Dried grapes are nearly all raisin varieties but the totals include the small tonnage of dried wine and table varieties which probably are all finally used for making wine and brandy.

APPENDIX TABLES 29-30 (p. 31c-32c)

California Production and Utilization of Raisin Varieties, 1927-1950

Year of harvest	Harvested production[a]	Canned	Dried[b]	Used fresh for juice[c]: Total[c]	Used fresh for juice[c]: Commercial crush	Used fresh for juice[c]: Interstate[d]	Fresh table use: Interstate[d]	Fresh table use: Within state	Fresh table use: Total
	1	2	3	4	5	6	7	8	9
	Short tons, fresh weight								
Averages:									
1934-1938	1,195,000	4,100	874,400	229,700	186,800	42,900	74,000	12,800	86,800
1935-1939	1,270,200	5,800	933,600	240,600	193,800	46,800	76,600	13,600	90,200
1945-1948	1,635,500	19,600	971,500	521,100	483,400	37,700	101,400	21,900	123,300
1945-1949	1,592,600	20,700	984,400	464,200	427,200	37,000	100,900	22,400	123,300
Annual:									
1948	1,679,000	30,000	926,000	574,600	534,600	40,000	121,000	27,400	148,400
1949	1,421,000	25,000	1,036,000	236,900	202,900	34,000	98,800	24,300	123,100
1950	1,326,000	24,000	618,000	562,700	538,700	24,000	97,400	23,900	121,300
	Per cent of harvested production								
Averages:									
1934-1938	100.0	.3	73.2	19.2	15.6	3.6	6.2	1.1	7.3
1935-1939	100.0	.5	73.5	18.9	15.2	3.7	6.0	1.1	7.1
1945-1948	100.0	1.2	59.4	31.9	29.6	2.3	6.2	1.3	7.5
1945-1949	100.0	1.3	61.9	29.1	26.8	2.3	6.3	1.4	7.7
Annual:									
1948	100.0	1.8	55.2	34.2	31.8	2.4	7.2	1.6	8.8
1949	100.0	1.8	72.9	16.7	14.3	2.4	7.0	1.7	8.7
1950	100.0	1.8	46.6	42.4	40.6	1.8	7.3	1.8	9.1

APPENDIX TABLES 31-32 (p. 33c-34c)

California Production and Utilization of Table Varieties,[a] 1927-1950

Year of harvest	Harvested production	Dried [b]	Used fresh for juice			Fresh table use		
			Total	Commercial crush	Inter-state	Inter-state	Within state [c]	Total
	1	2	3	4	5	6	7	8
	Short tons, fresh weight							
Averages:								
1934-1938	371,000	6,200	165,400	160,300	5,100	168,000	31,400	199,400
1935-1939	391,800	5,900	183,800	179,900	3,900	169,300	32,800	202,100
1945-1948	588,500	400	312,900	311,000	1,900	236,500	38,700	275,200
1945-1949	573,600	600	298,000	296,300	1,700	235,400	39,600	275,000
Annual:								
1949	514,000	1,300	238,400	237,400	1,000	231,200	43,100	274,300
1950	595,000	600	320,300	317,300	3,000	235,300	38,800	274,100
	Per cent of harvested production							
Averages:								
1934-1938	100.0	1.7	44.6	43.2	1.4	45.3	8.5	53.7
1935-1939	100.0	1.5	46.9	45.9	1.0	43.2	8.4	51.6
1945-1948	100.0	0.1	53.1	52.8	0.3	40.2	6.6	46.8
1945-1949	100.0	0.1	52.0	51.7	0.3	41.0	6.9	47.9
Annual:								
1949	100.0	0.2	46.4	46.2	0.2	45.0	8.4	53.4
1950	100.0	0.1	53.8	53.3	0.5	39.5	6.5	46.1

APPENDIX TABLES 33-34 (p. 35c-36c)

California Production and Utilization of Wine Varieties, 1927-1950

Year of harvest	Harvested production a/b/	Dried b/	Used fresh for juice b/				
			Total	Commercial crush	Other		
					Total	Inter-state	Within state
	1	2	3	4	5	6	7
	Short tons, fresh weight						
Averages:							
1934-1938	552,600	1,000	551,600	389,700	161,900	143,000	18,900
1935-1939	562,200	700	561,500	399,500	162,000	146,000	16,000
1945-1948	610,000	1,800	608,200	499,200	109,000	104,000	5,000
1945-1949	595,600	1,400	594,200	488,900	105,300	100,200	5,100
Annual:							
1949	538,000	0	538,000	447,500	90,500	85,200	5,300
1950	512,000	0	512,000	434,000	78,000	73,300	4,700
	Per cent of harvested production						
Averages:							
1934-1938	100.0	0.2	99.8	70.5	29.3	25.9	3.4
1935-1939	100.0	0.1	99.9	71.1	28.8	26.0	2.8
1945-1948	100.0	0.2	99.8	81.2	18.6	17.7	0.9
1945-1949	100.0	0.2	99.8	82.1	17.7	16.8	0.9
Annual:							
1949	100.0	0.0	100.0	83.2	16.8	15.8	1.0
1950	100.0	0.0	100.0	84.8	15.2	14.3	.9

NEW APPENDIX TABLE 35 (p. 57c)
Part 1. Supplementary 1949 Data

California Grape Utilization by Varietal Classes and by Chief Raisin and Table Varieties, 1949

Varietal class and variety	Harvested production total	Shipped fresh table use total	Processed or for processing: Total	Processed or for processing: For drying a/	Processed or for processing, not dried: Total b/ (includes canned)	For wine, brandy and juice: Total	For wine, brandy and juice: Commercial crush	For wine, brandy and juice: Shipped fresh c/	Shipped fresh for table use: Out of state	Shipped fresh for table use: In state
	1 (2+3)	2 (9+10)	3 (4+5)	4	5	6 (7+8)	7	8	9	10
	tons, fresh farm weight									
1. All varieties	2,473,000	397,400	2,075,600	1,037,300	1,038,300	1,013,300	887,800	125,500	330,000	67,400
2. Wine	538,000	0	538,000	0	538,000	538,000	447,500	90,500	0	0
3. Raisin & table	1,935,000	397,400	1,537,600	1,037,300	500,300	475,300	440,300	35,000	330,000	67,400
4. Raisin	1,421,000	123,100	1,297,900	1,036,000	261,900	236,900	202,900	34,000	98,800	24,300
5. Table	514,000	274,300	239,700	1,300	238,400	238,400	237,400	1,000	231,200	43,100
6. Raisin, total	1,421,000	123,100	1,297,900	1,036,000	261,900	236,900	202,900	34,000	98,800	24,300
7. Muscat	163,300	8,000	155,300	52,000	103,300	103,300	69,300	34,000	1,000	7,000
8. Seedless	1,257,700	115,100	1,142,600	984,000	158,600	133,600	133,600	0	97,800	17,300
9. Thompson	1,217,400	115,100	1,102,300	957,600	144,700	119,700	119,700	0	97,800	17,300
10. Sultana	25,500	0	25,500	11,600	13,900	13,900	13,900	0	0	0
11. Currants	14,800	--d/	14,800	14,800	--	--	--	0	0	--
12. Table, total	514,000	274,300	239,700	1,300	238,400	238,400	237,400	1,000	231,200	43,100
13. Tokay	170,900	82,100	88,800	0	88,800	88,800	88,800	0	70,000	12,100
14. Emperor	193,000	150,400	42,600	0	42,600	42,600	42,600	0	133,200	17,200
15. Other	150,100	41,800	108,300	1,300	107,000	107,000	106,000	1,000	28,000	13,800

a/ Col. 4, dried weight converted at 4 to 1 ratio. b/ Col. 5 includes 25,000 tons of Thompson Seedless used for canning.
c/ Col. 8, all shipped out of state except 5,300 tons of wine varieties to in-state markets presumably mostly for home wine making.
d/ Dashes indicate less than 500 tons, assumed as zero in calculating totals.

Source: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, Berkeley, Nov. 1951, from official and best unofficial data involving some conversions, estimates and adjustments. Lines 1-6 and 12-14 calculated from reports of the California Crop and Livestock Reporting Service and line 15 by subtraction. Varietal breakdown in other lines from: Col. 7, reports of the Wine Institute; col. 4, reports of the Dried Fruit Association of California; cols. 8 and 9, largely from Market News Reports; col. 10, approximate estimates of raisin varieties by S. W. Shear.

NEW APPENDIX TABLE 35 (p. 37c)
Part 2. Supplementary 1950 Data

California Grape Utilization by Varietal Classes and by Chief Raisin and Table Varieties, 1950

Varietal class and variety	Harvested production total	Shipped fresh table use total	Processed or for processing: Total	Processed or for processing: For drying a/	For processing, not dried: Total b/ (includes canned)	For wine, brandy and juice: Total	For wine, brandy and juice: Commercial crush	For wine, brandy and juice: Shipped fresh c/	Shipped fresh for table use: Out of state	Shipped fresh for table use: In state
	1 (2+3)	2 (9+10)	3 (4+5)	4	5	6 (7+8)	7	8	9	10
	tons, fresh farm weight									
1. All varieties	2,433,000	395,400	2,037,600	618,600	1,419,000	1,395,000	1,290,000	105,000	332,700	62,700
2. Wine	512,000	0	512,000	0	512,000	512,000	434,000	78,000	0	0
3. Raisin & table	1,921,000	395,400	1,525,600	618,600	907,000	883,000	856,000	27,000	332,700	62,700
4. Raisin	1,326,000	121,300	1,204,700	618,000	586,700	562,700	538,700	24,000	97,400	23,900
5. Table	595,000	274,100	320,900	600	320,300	320,300	317,300	3,000	235,300	38,800
6. Raisin, total	1,326,000	121,300	1,204,700	618,000	586,700	562,700	538,700	24,000	97,400	23,900
7. Muscat	152,300	8,100	144,200	23,000	121,200	121,200	97,200	24,000	1,100	7,000
8. Seedless	1,173,700	113,200	1,060,500	595,000	465,500	441,500	441,500	0	96,300	16,900
9. Thompson	1,138,000	113,200	1,024,800	576,200	448,600	424,600	424,600	0	96,300	16,900
10. Sultana	21,700	0	21,700	4,800	16,900	16,900	16,900	0	0	0
11. Currants	14,000	--d/	14,000	14,000	--	--	--	0	0	--
12. Table, total	595,000	274,100	320,900	600	320,300	320,300	317,300	3,000	235,300	38,800
13. Tokay	166,000	59,000	107,000	0	107,000	107,000	107,000	0	48,000	11,000
14. Emperor	421,000	167,800	73,200	0	73,200	73,200	73,200	0	152,000	15,800
15. Other	188,000	47,300	140,700	600	140,100	140,100	137,100	3,000	35,300	12,000

a/ Col. 4, dried weight converted at 4 to 1 ratio. b/ Col. 5, includes 24,000 tons of Thompson Seedless used for canning.
c/ Col. 8, all shipped out of the state except 4,700 tons of wine varieties to in-state markets presumably mostly for home wine making.
d/ Dashes indicate less than 500 tons, assumed as zero in calculating totals.

Source: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, Berkeley, Nov. 1951, from official and best unofficial data involving some conversions, estimates and adjustments. Lines 1-6 and 12-14 calculated from reports of the California Crop and Livestock Reporting Service and line 15 by subtraction. Varietal breakdown in other lines from : Col. 7, reports of the Wine Institute; col. 4, reports of the Dried Fruit Association of California; cols. 8 and 9, largely from Market News Reports; col. 10, approximate estimates of raisin varieties by S. W. Shear.

APPENDIX TABLE 39 (p. 41c)

Fresh Grapes Used as Table Fruit: United States Production, Exports, Imports and Consumption, 1934-1950

Years beginning July 1	United States production not commercially processed					Consumed fresh as table grapes						United States population Dec. 31d/
	Sales to fresh market	Farm home use	Fresh sales and farm home usea/	California grapes for homemade wine	Fresh table use only a/	Exports to foreign countries	United States consumptiona/b/: Production not exported	Imports from abroadc/	Domestic and imported: Total		Per capita	
	1	2	3	4	5	6	7	8	9	10	11	12
			(1 + 2)		(3 - 4)		(5 - 6)		(7 + 8)	(9 x 2)	(10 ÷ 12)	
	short tons of 2,000 pounds, fresh farm weight									1,000 pounds	pounds	1,000's
Averages:												
1934-1938	623,107	42,790	665,897	209,940	455,957	26,907	429,050	7,100	436,150	872,300	6.78	128,564,116
1935-1939	616,708	40,842	657,550	212,660	444,890	29,331	415,558	6,493	422,052	844,104	6.52	129,482,373
1945-1949	574,978	28,178	603,156	143,980	459,176	39,072	420,104	7,723	427,826	855,652	5.93	144,284,000
Annual:												
1934	633,146	48,090	682,236	209,200	473,036	17,856	455,180	8,731	463,911	927,822	7.31	126,864,958
1949	553,390	26,700	580,090	125,500	454,590	45,660	408,930	6,985	415,915	831,830	5.54	150,161,000
1950	534,440	29,455	563,895	105,000	458,895	44,706	414,189	17,846	432,035	864,070	5.67	152,400,000

a/ (Revised) Data on fresh table use include the small but unknown quantity of sales of fresh grapes grown in states other than California used for homemade wine.

b/ (Revised) Data on the small shipments to noncontiguous territories are not readily available and so excluded from exports in col. 6 and included in cols. 9, 10, and 11. During 1930-1940 these varied from 600 to 1,200 tons a year or a little over .01 per cent of total U. S. consumption.

c/ Imports for consumption only except general imports January through December 1947, but the two are practically the same for twelve-month periods beginning July 1. Conversions at following number of pounds per cubic foot: Argentina and Chile, 36; Spain, 24; Belgium, 10; Italy and Canada, 40; Union of South Africa, 16; others, 20.

d/ (Revised) Population of continental United States includes armed forces at home and abroad excluding those normally outside continental United States before 1941, estimated on numbers stationed abroad at census dates and excluding all armed forces serving abroad since 1940 but including those stationed in the states. All years exclude population of noncontiguous territories.

Source: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, Berkeley, Nov. 1951. Very largely from official data of the U. S. Department of Agriculture and the U. S. Department of Commerce.

APPENDIX TABLE 40 (p. 42c)

California Interstate Rail Shipments of Table Grape Stock by Varieties, Seasons 1927-1950

Crop year a/	Total of varieties listed a/			Thompson Seedless	Table varieties table stock								
	Table and juice	Juice stock a/	Table stock		Total	White Malaga	Tokay	Red Malaga	Ribier b/	Cornichon	Almeria b/	Emperor b/	Other a/
	1 (2+3)	2	3 (4+5)	4	5	6	7	8	9	10	11	12	13
	number of cars c/												
Averages:													
1927-1930	26,066	2,390	23,676	4,668	19,008	5,741	6,841	169	51	506	170	4,925	605
1931-1933	15,806	878	14,928	3,464	11,464	2,678	3,995	344	230	154	101	3,732	229
1934-1938	16,821	365	16,456	4,972	11,483	1,830	4,022	691	335	158	104	4,151	192
1939-1942	18,586	221	18,365	5,766	12,599	1,024	4,354	627	409	123	200	5,619	241
1946-1950	20,843	98	20,745	6,373	14,372	405	3,836	988	602	88	285	8,070	98
Annual:													
1940	19,739	187	19,552	5,763	13,789	1,428	5,183	719	312	109	89	5,643	306
1946	20,960	114	20,846	5,754	15,092	689	4,593	1,493	811	150	352	6,820	184
1949	19,229	71	19,158	6,052	13,106	173	4,022	468	513	50	398	7,447	35
1950	19,271	173	19,098	5,748	13,350	243	2,292	931	460	39	237	9,006	142

a/ (Revised) Cars containing more than one variety classified as of the predominating variety in the car. Table and juice stock exclude Muscats. "Other" is nearly all varieties not listed in this table and not separately reported, except that in prewar years "other" probably includes some cars of listed varieties not as completely segregated as in recent years and also includes the few Black Prince and Rose of Peru reported separately in a few years and 11 cars of Cardinals in 1949 and 87 in 1950 for the first years segregated. For basic data 1937-1950 and notes on them and equivalent carloads by boat from San Francisco and Los Angeles, see Federal-State Market News Service, Marketing California Grapes, Wine, Raisins, Season 1950, p. 29, table 10 and table 8, p. 26, for interstate truck movement of all California grapes through California border stations, by months, by crop years 1944-1950.

APPENDIX TABLE 41 (p. 43c)

Grapes Fresh: United States Exports by Chief Countries of Destination, Years Beginning July 1, Averages 1924-1950, Annual 1939-1950

Destination	Averages					Annual		
	1924-1928a/	1930-1933	1934-1938	1941-1945	1946-1950	1948-49	1949-50	1950-51
	1	2	3	4	5	6	7	8
	declared net export weight, short tons of 2,000 pounds							
All countries	16,782	16,682	26,905	25,870	42,191	37,359	45,661	44,668
Europe, total	166	1,576	8,297	3	329	3	57	0
United Kingdom	127	1,394	7,116	2	260	0	0	0
Other	39	182	1,181	1	69	3	57	0
Germany	11	20	46	0	0	0	0	0
Netherlands	6	13	35	0	0	0	0	0
Sweden	21	121	517	0	57	0	0	0
Norway	c/	17	292	0	0	0	0	0
Finland	0	2	266	0	9	0	46	0
Other	1	9	25	1	3	3	11	0
Except Europe	16,616	15,106	18,609	25,867	41,862	37,356	45,604	44,668
Canada d/	11,752	10,727	12,045	21,295	27,067	24,863	29,869	30,879
Other	4,864	4,379	6,564	4,572	14,795	12,493	15,735	13,789
Latin America	3,901	2,298	3,206	4,261	9,341	8,180	9,261	10,287
Mexico	1,140	630	1,001	2,569	1,711	1,083	770	293
Cuba	2,302	944	994	697	2,174	2,246	2,572	2,655
Brazil	10	48	503	457	1,173	883	335	1,414
Other	449	676	708	538	4,283	3,968	5,584	5,925
Philippines	490	865	960	113	3,821	3,241	4,087	1,610
Other d/	473	1,216	2,398	198	1,633	1,072	2,387	1,892

d/ The very small exports to Newfoundland and Labrador are included in Canada: 1924-1928, 28 tons; 1930-1933, 61; 1934-1938, 75; 1941-1945, 148; 1946, 98; 1947, 145; 1948, 129; not reported separately since they became a part of the Dominion of Canada, March 31, 1949.

Source: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, Berkeley, November 1951, from official data of U.S. Dept. of Commerce, directly from its publications or indirectly from publications of the U.S. Dept. of Agriculture, Office of Foreign Agricultural Relations.

APPENDIX TABLE [illegible]

Grapes Fresh: United States Imports by Chief Countries of Destination, Tariff Schedules Item 1, Average 1954-1958, Annual 1959-1963

Destination	Imports					Percent		
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Thousand net short tons, equivalent weight, [illegible] of 1,000 pounds.							
All countries	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Europe, total	[illegible]	1,576	[illegible]	2	[illegible]	3	57	0
United Kingdom	[illegible]	1,[illegible]	7,[illegible]	[illegible]	[illegible]	0	0	0
France	[illegible]	158	1,[illegible]	1	[illegible]	[illegible]	[illegible]	0
Germany	[illegible]	20	[illegible]	[illegible]	0	[illegible]	[illegible]	0
Netherlands	5	15	[illegible]	0	[illegible]	[illegible]	[illegible]	0
Sweden	21	[illegible]	[illegible]	0	[illegible]	0	0	0
Norway	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	0	0
Finland	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	0
Other	1	1	23	1	2	3	11	0
Except Europe	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Canada[1]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Mexico	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
China	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Other	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Mainland Japan	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Other[2]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1] A very small amount to Newfoundland and Labrador are included in Canada.
[2] Cuba, [illegible], Dominican Rep., Haiti, [illegible], Jamaica, [illegible], Leeward Isl., Trinidad and Tobago, Other Indonesia, Other Asia, Other Oceania, Other Africa, Other.

Source: Compiled by S. W. Green, Branch Foundation of Agricultural Economics, University of California, Berkeley, November [illegible], from Foreign Agricultural Trade of the U.S., Part 1 (annual), compiled from U.S. customs or trade, and U.S. Department of Commerce, Bureau of the Census, Foreign Agricultural Service, Office of Foreign Agricultural Relations.

NEW APPENDIX TABLE 42 (p. 44c)

Grower Prices: Received for California Grapes by Uses and Indexes of United States Prices Received for Certain Farm Products and Paid for Living and Production Costs. Averages 1935-1939 and 1947-1949. Annual 1946-1950.

Category	Averages		Year harvested				
	1935-1939	1947-1949	1946	1947	1948	1949	1950
	1	2	3	4	5	6	7
By Grape Uses	Prices Received for Grapes						
	dollars per ton, fresh basis a/						
Dried raisins	14	34	82	33	34	34	66
Crush, all commercial	14	29	91	30	30	27	61
Shipped fresh							
Wine varieties	17	34	100	35	36	30	89
Table varieties	25	52	117	63	53	39	67
All grapes, all uses	16	35	91	36	36	32	65
	per cent of 1935-1939 average = 100						
All grapes, all uses	100	219	569	225	225	200	406
Dried raisins	100	243	586	236	243	243	471
Crush, all commercial	100	207	650	214	214	193	436
Shipped fresh							
Wine varieties	100	200	588	206	212	176	524
Table varieties	100	208	468	252	212	156	268
U.S. Price Indexes	United States Grower Prices						
	per cent of 1935-1939 average = 100						
Prices received b/							
Crops and livestock	100	246	247	270	242	227	273
Crops	100	246	261	275	236	227	269
Fruit only	100	201	246	181	219	202	214
Prices paid b/							
Commodities, interest, taxes and wage rates	100	203	184	205	203	200	219
All commodities, living and production	100	198	179	200	198	195	214
Farm wage rates c/							
United States	100	346	330	349	350	338	366
California	100	287	298	299	287	275	294

a/ Growers returns per equivalent fresh tons for naked fruit first delivery point.

b/ Annual data are averages by 12 months beginning September 1 of indexes of relative United States prices received and prices paid by growers as reported by the U. S. Bureau of Agricultural Economics.

c/ Annual farm wage rates are simple averages of quarterly data October-July.

Source: Compiled by S.W. Shear, Giannini Foundation of Agricultural Economics, University of California, November 1951, from official data of the California Crop and Livestock Reporting Service and the U. S. Bureau of Agricultural Economics.

APPENDIX TABLE 43 is on the next page.

APPENDIX TABLE 44 (p. 46c)

California Grapes: Season Average Equivalent Returns Per Ton to Growers for Bulk Fruit at First Delivery Point by Varietal Classes, Dollars Per Ton and Per Cent of 1935-1939 = 100, 1919-1950

Year of harvest	All	Wine a/	Table a/	Raisin varieties a/		
	Sales for all uses				Not dried b/	Dried c/
	1	2	3	4	5	6
	Dollars per ton, fresh weight					
Averages:						
1934-1938	16.30	15.50	20.50	15.30	17.40	14.70
1935-1939	15.50	15.40	18.80	14.50	16.60	13.90
1947-1949	34.70	33.00	37.50	34.30	35.50	33.30
Annual:						
1948	35.60	35.70	35.50	35.60	38.20	33.50
1949	32.50	29.80	31.30	33.90	34.40	33.50
1950	65.10	73.60	58.00	65.00	64.60	65.50
	Per cent of 1935-1939 average = 100					
Averages:						
1934-1938	105	101	109	106	105	106
1935-1939	100	100	100	100	100	100
1947-1949	224	214	200	236	214	239
Annual:						
1948	230	232	189	245	229	240
1949	210	194	167	233	207	240
1950	420	497	309	447	389	470

a/ (Revised) The chief varieties included in each class by the California Crop Reporting Service are:

Raisin: Thompson Seedless, Muscat, Sultana, and Zante Currant.

Table: Tokay, White Malaga, Emperor, Red Malaga, Cornichon, Almeria, Ribier, Cardinal, and Concord.

Wine (dark): Zinfandel, Carignane, Alicante Bouschet, Mission, Mataro, Petite Sirah, Grenache.

Wine (white): Golden Chasselas, Palomino, Burger, Colombar or Sauvignon Vert, Sauvignon Blanc, Franken Riesling or Sylvaner; also several minor dark and white wine varieties.

[illegible]

APPENDIX TABLE 43 (p. 45c)

California Grapes: Growers' Total Equivalent Returns for Naked Fruit at First Delivery Point by Varietal Classes, 1919-1950

Year of harvest	Total	Varietal class a/				
		Wine	Table	Raisin		
				Total	Not dried	Dried
	1	2	3	4	5	6
	thousands of dollars b/					
Averages:						
1934-1938	33,991	8,538	7,477	17,976	5,455	12,521
1935-1939	34,128	8,626	7,278	18,223	5,514	12,709
1943-1946	195,278	54,246	50,815	90,217	31,016	59,201
1947-1949	95,116	18,478	21,792	54,846	19,386	35,460
Annual:						
1948	102,936	22,134	21,016	59,786	28,765	31,021
1949	80,329	16,032	16,088	48,209	13,244	34,965
1950	156,875	37,683	33,002	86,190	45,711	40,479

a/ Chief varieties included in each class by the Crop Reporting Service according to the most usual use are:

Raisin: Thompson Seedless, Muscat, Sultana, and Zante Currant.

Table: Tokay, Malaga, Emperor, Red Malaga, Cornichon, Almeria, Ribier, Cardinal, and Concord.

Wine: Zinfandel, Alicante Bouschet, Carignane, Petite Sirah, Mission, Mataro, and several minor dark and white varieties.

APPENDIX TABLE 45 (p. 47c)

California Grapes, All Varieties: Equivalent Returns to Growers Per Ton for Bulk Fruit at First Delivery Point, by Use, 1934-1950

Year of harvest	All sold a/	Sales to fresh markets			Processed		
		All fresh	Out-state	In-state	Canned	Dried a/	Crushed
	1	2	3	4	5	6	7
	dollars per fresh ton a/						
Averages:							
1934-1938	16.30	30.90	22.20	19.50	22.20	14.70	14.50
1935-1939	15.50	30.10	21.40	18.60	21.20	13.90	13.90
1943-1946	71.20	100.70	100.70	100.50	60.20	54.90	80.80
1947-1949	34.70	47.40	39.20	46.60	48.10	33.80	29.00
Annual:							
1948	35.60	52.10	53.00	46.40	48.50	34.50	30.30
1949	32.50	39.40	39.20	41.10	38.70	33.70	26.80
1950	65.10	75.20	75.60	72.80	65.00	65.50	61.00

APPENDIX TABLE 46 (p. 48c)

California Grapes: Returns to Growers Per Ton by Varietal Classes by Type of Utilization, 1934-1950

Year of harvest	All sold	Marketed fresh		Dried	Crushed
		Interstate	Intrastate		
	1	2	3	4	5
	dollars per fresh tons a/				
	Table Varieties b/				
Averages:					
1934-1938	20.50	27.20	22.80	12.40	13.10
1935-1939	18.80	25.70	20.70	12.20	11.90
1943-1946	91.50	104.80	101.00	54.00	79.00
1947-1949	37.50	51.70	51.70	30.20	23.50
Annual:					
1948	35.50	53.00	51.00	36.00	22.40
1949	31.30	39.00	39.00	28.50	22.50
1950	58.00	67.30	65.50	63.00	50.10
	Wine Varieties				
Averages:					
1934-1938	15.50	17.60	15.90	12.20	14.80
1935-1939	15.40	17.40	15.80	11.20	14.80
1943-1946	88.90	87.30	89.20	55.00	89.20
1947-1949	33.00	33.70	33.30	36.00	32.80
Annual:					
1948	35.70	36.00	36.00	36.00	35.70
1949	29.80	30.00	30.00	b/	29.80
1950	73.60	90.00	72.00	b/	70.80
	Raisin Varieties c/				
Averages:					
1934-1938	15.30	20.50	17.30	14.70	15.10
1935-1939	14.50	20.30	13.90	13.90	13.90
1943-1946	57.40	13.00	110.00	44.00	58.60
1947-1949	34.30	45.80	36.50	33.40	28.20
Annual:					
1948	35.60	63.00	40.00	33.50	30.00
1949	33.90	45.30	46.60	33.75	25.30
1950	65.00	83.20	85.00	65.50	59.50

a/ Season average equivalent returns to growers for bulk fruit at first delivery point. Dried price converted to equivalent fresh basis at 4 to 1 drying ratio.
b/ No wine grapes reported as dried in 1949 and 1950.
c/ Thompson Seedless grapes for canned sold at the following prices: 1948, $48.50; 1949, $38.70; and 1950, $65.00.

Source: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, November 1951, from reports of the United States and California Crop and Livestock Reporting Service.

APPENDIX TABLE 47 (p. 49c)

California Grapes Crushed for Wine and Brandy: Equivalent Returns Per Ton to Growers for Bulk Fruit at First Delivery Point by Varietal Classes, 1930-1950

Year of harvest	All varieties	Varietal class a/			All varieties	Varietal class a/		
		Wine	Table	Raisin		Wine	Table	Raisin
	1	2	3	4	5	6	7	8
	dollars per ton				per cent of 1935-1939 average = 100			
Averages:								
1934-1938	14.50	14.80	13.10	15.10	104	100	110	109
1935-1939	13.90	14.80	11.90	13.90	100	100	100	100
1943-1946	80.90	89.20	79.00	58.60	582	604	662	421
1947-1949	28.90	32.80	23.50	28.20	208	222	197	202
Annual:								
1949	26.80	29.80	22.50	25.30	193	202	188	182
1950	61.00	70.80	50.10	59.50	439	479	420	427

a/ For varieties included in each varietal class, see footnote to table 43.

APPENDIX TABLE 48 (p. 50c)

Eastern Delivered Auction Price Per Package of California Table Stock Grapes by Chief Varieties, 1926-1950

Year of harvest	All markets (11 or 13) a/ b/									New York market a/		
	Thompson	White Malaga	Tokay	Red Malaga	Ribier	Cornichon	Almeria	Emperor	All table stock		Emperor	Except Emperor
	1	2	3	4	5	6	7	8	9	10	11	12
	dollars per package c/											
Averages:												
1926-1931	1.32	1.22	1.39	1.94	1.69	1.16	1.45	1.33	1.31	1.44	1.50	1.43
1934-1938	1.45	1.16	1.24	1.57	1.56	1.19	1.70	1.47	1.37	1.43	1.58	1.40
1935-1939	1.42	1.15	1.19	1.50	1.50	1.15	1.71	1.40	1.34	1.40	1.53	1.37
1943-1946	5.04	2.70	2.64	4.02	3.27	2.54	3.79	3.41	3.35	3.45	3.67	3.35
1947-1949	2.97	2.02	2.05	2.94	2.85	1.92	2.79	2.62	2.71	2.88	2.88	2.89
Annual:												
1949	2.87	2.15	2.02	1.99	2.71	1.98	2.92	2.66	2.64	2.84	2.88	2.86
1950	3.98	2.35	2.48	3.03	3.44	2.45	2.92	2.83	3.28	3.41	2.99	3.61

APPENDIX TABLE 50 (p. 52c)

Raisins and Currants: United States Exports by Chief Countries of Destination, Years Beginning July 1, Averages 1934-1938, 1941-1945, 1946-1950, Annual 1946-1950

Destination	Averages			Annual, years beginning July 1c/				
	1934-1938	1941-1945c/	1946-1950c/	1946-47	1947-48	1948-49	1949-50	1950-51
	1	2	3	4	5	6	7	8
	short tons, net declared processed weight							
All countries	60,985	78,418	72,398	30,369	139,639	66,755	86,759	38,468
Europe totalc/	49,222	62,445	56,442	23,008	108,387	53,058	72,220	25,536
United Kingdom	25,656	59,125	17,675	16,324	12,126	22,572	27,510	9,844
Other	23,566	3,320	38,767	6,684	96,261	30,486	44,710	15,692
Ireland	2,052	616	1,094	2,674	0	2,798	0	0
France	3,735	39	163	6	530	36	199	44
Germany	1,151	6	27,647	10	84,962	19,738	23,792	9,733
Netherlands	4,627	751	1,926	384	142	242	6,493	2,368
Belgium	2,560	562	3,549	710	6,406	3,498	5,182	1,948
Sweden	5,040	243	1,229	2,344	50	0	3,724	28
Norway	1,305	265	6	d/	9	1	13	8
Denmark	694	1	79	2	54	143	84	111
Finland	974	0	22	8	22	15	64	0
Switzerland	240	534	1,169	475	1,034	738	2,348	1,250
Other	1,188	303	1,883	71	3,052	3,277	2,811	202
Except Europe	11,763	15,973	15,956	7,361	31,252	13,697	14,539	12,932
Canada	3,444	10,482	8,438	881	20,044	7,881	7,152	6,234e/
Other	8,319	5,491	7,518	6,480	11,208	5,816	7,387	6,698
Newfoundland & Labradore/	411	1,021	359	324	565	702	206	e/
Latin America	1,735	2,039	3,389	3,366	5,204	2,558	2,776	3,039
Mexico	420	638	674	1,022	478	639	432	798
Cuba	249	233	467	528	216	486	512	592
Other	1,066	1,168	2,248	1,816	4,510	1,433	1,832	1,649
New Zealand	1,311	1	344	0	1,720	2	0	0
Other	4,862	2,430	3,426	2,790	3,719	2,554	4,405	3,659

c/ Since 1940, most United States raisin exports to Europe, except to Sweden, were not bought on a strictly commercial basis. All or a subststantial part of the dollars used to pay our industry for them were provided by our government directly or indirectly.

d/ Less than one ton.

e/ Newfoundland and Labrador became a province of the Dominion of Canada March 31, 1949 and exports to them are included in Canada in the 1950-1951 total.

Source: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, Nov. 1951, indirectly from latest revised official data of the U. S. Department of Commerce from compilations by the U. S. Department of Agriculture, Office of Foreign Agricultural Relations.

[illegible]

APPENDIX TABLE 51 (p. 53c)

Raisins and Currants: United States Production, Shipments, Exports, Imports and Consumption, Years Beginning September 1, 1921-1950

Years beginning Sept. 1	California raisins and currants					Raisins		Currants	Raisins & currants	
			Exports g/						Consumption a/ f/	
	Production a/	Shipments total a/ f/	Quantity	Per cent of shipments	For U. S. consumption a/ f/	Imports	Consumption total	Imports	Total	Per capita h/
	1	2 (3+5)	3	4	5	6	7 (5+6)	8	9 (7+8)	10
	short tons of 2,000 pounds net processed weight a/									pounds
Averages:										
1909-1913	66,000	--c/	9,000 b/	12.5 d/	65,000	1,700	64,700	16,000	80,700	1.7
1924-1928	219,000	235,200	80,200	34.1	155,000	2,300	158,300	6,100	164,400	2.8
1929-1933	190,000	192,600	57,600	29.9	135,000	700	135,700	3,700	139,400	2.2
1934-1938	201,000	196,000	61,000	31.1	135,000	300	135,300	2,800	138,100	2.1
1942-1945 f/	278,000	281,200 f/	85,400	30.4	175,000 f/	i/	175,000	i/	175,000	2.7 f/
1946-1950	211,000	208,100	73,100	35.1	135,000	300	135,300	100	135,300	1.8
Annual:										
1946-47	178,000	180,500	40,500	22.4	140,000	1,100	141,100	e/	141,100	2.0
1947-48	282,000	263,400	133,400	50.6	130,000	0	130,000	e/	130,000	1.8
1948-49	213,000	190,900	55,900	29.3	135,000	i/	135,000	e/	135,000	1.8
1949-50	237,000	257,400	117,400	45.6	140,000	i/	140,000	e/	140,000	1.9
1950-51	144,000	148,200	18,200	12.3	130,000	200	130,200	400	130,600	1.7

a/ Col. 1 given in processed tons instead of sweatbox weight in original table 51. Cols. 2 and 5: Differ from original table by rounding col. 5 to 5,000 tons instead of col. 2. See footnote a/ of table 52 for nature and content of U. S. consumption of California raisins.

b/ Exports and imports for 1909-1913 are for years beginning July 1.

c/ Shipments, col. 2, not available 1909-1913.

d/ Per cent of production exported because shipments not available, 1909-1913.

e/ (Revised) Currant imports were 20 tons or less annually 1943-1949.

f/ (Revised) Shipment and consumption, col. 2, are for U. S. civilian and military personnel and other cols. too, except 1942-1945 includes civilians only, excluding direct government and Red Cross shipments for military forces at home and abroad averaging 22,000 processed tons (from U. S. Bur. Agr. Economics, "Raisins and Dried Currants, U. S. Supply and Distribution, Pack Years, 1941-1947," processed, 1949.

g/ Col. 3: See footnote b/ of table 52 for nature and content of exports.

h/ Per-capita pounds: 1939, 2.6; 1940, 2.4; and revised 1935, 2.2.

i/ Less than 50 tons a year of raisin imports in 1948 and 1949 and of either raisins or currants, 1942-1945.

Source: Compiled by S. W. Shear, Giannini Foundation, November 1951, from best official and unofficial data.

APPENDIX TABLE 52 (p. 55c)

California Raisin and Currant Shipments to United States and Foreign Countries and Packers' F.O.B. Prices of Thompson Seedless Raisins, Years Beginning September 1, 1921-1950

Years beginning September 1	Production[a]	Shipments, grand total[a]	Shipments to domestic markets: Total and Canada[a]	Shipments to domestic markets: United States[a]	Shipments to domestic markets: Canada[b]	Exports, lend-lease and foreign relief[b]: Total: Including Canada	Exports, lend-lease and foreign relief[b]: Total: Excluding Canada	Exports, lend-lease and foreign relief[b]: United Kingdom	Exports, lend-lease and foreign relief[b]: Other countries	F.o.b. price Thompsons per pound
	A	1 (3+5)	2 (3+4)	3	4	5	6 (5-4)	7	8 (6-7)	9
	equivalent natural condition, sweatbox weight, short tons of 2,000 pounds[a]									cents
Averages:										
1924-1928	238,000	256,600	190,300	170,000	20,300	86,600	66,300	28,400	37,900	6.3
1929-1933	207,000	207,300	153,900	145,000	8,900	62,300	53,400	21,800	31,600	4.4
1934-1938	219,000	211,000	148,600	145,000	3,600	66,000	62,400	27,900	34,300	4.2
1942-1945	302,000	282,300	203,200	190,000	13,200	92,300	79,100	70,000	9,100	7.8
1946-1950	229,000	219,800	155,100	146,000	9,100	73,800	64,600	18,800	45,800	11.8
Annual:										
1946-47	193,000	193,800	150,200	150,000	200	43,800	43,600	27,500	16,100	18.0
1947-48	306,000	278,500	167,900	145,000-	22,900	133,500	110,600	2,200	108,400	8.5
1948-49	232,000	200,900	153,200	145,000+	8,200	55,900	47,700	24,000	23,700	8.5
1949-50	258,000	267,400	157,700	150,000+	7,700	117,400	109,700	40,300	69,400	8.9
1950-51	156,000	158,200	146,700	140,000+	6,700	18,200	11,500	0	11,500	15.0

a/ Columns 1-3 differ from original table in rounding column 3 to 5,000 tons instead of column 1. Shipments primarily for human consumption including government subsidized tonnage for domestic relief, including used for homemade alcoholic beverages roughly estimated at 9,000 sweatbox tons a year, 1927-1932 (see footnote, table 29) and probably about as much in earlier prohibition years; presumably include the small tonnage used by commercial distilleries for making brandy, 1935-1950 (see table 79); include government financed for domestic relief processed tons: over 11,000 under Blue Stamp Plan in 1940 and 1941; direct relief, mostly for school lunches and other institutional feeding: 1937, 14,000; 1938, 9,300; 1939, 42,000; 1940, 31,000; 1947, 7,100; 1948, 4,200; and 1949, 1,500. Excluded are diversions to by-products by industry programs in sweatbox tons: 1933, 15,000 Muscats to distilleries; 1935, 5,000 to by-products; 52,000 of 1938 crop to stock feed and distilling in 1938 and 1939 and 20,400 of 1949 surplus pool to stock feed. Data include direct purchases for United States military forces except for 1942-1945 (see footnote f/ of table 51).

b/ Columns 4-8: Official U. S. Department of Commerce exports to foreign countries (see table 51, column 3) converted to sweatbox weight by multiplying by 1.08 rounded to 100. Exclude shipments to noncontiguous territories averaging less than 1,000 tons a year. Commercial exports only in regular trade channels 1921-1940, 1946, 1950. Government purchases not all shipped in year bought, in sweatbox weight for lend-lease 1941-1945 totaled at least 280,000 tons; for foreign relief about 121,000 of the 1947 crop and 59,000 of the 1948; also 42,800 tons of the 1949 subsidized surplus pool.

Source: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, November 1951, from best official and unofficial data.

APPENDIX TABLE 53 (p. 56c)

World Raisin and Currant Production by Chief Countries, 1909-1951

Year of harvest	Raisins and currants a/	Currants a/		Raisins a/							
		Greece	Australia	Total	California a/	Turkey (Smyrna)	Australia	South Africa a/	Greece and Crete	Spain	Iran (Persia)
	1	2	3	4	5	6	7	8	9	10	11
	short tons, natural dry weight										
Averages:											
1934-1938	600,800	141,300	20,200	439,300	218,600	68,400	60,900	9,500	30,300	15,900	35,800
1941-1945	570,700	59,700	22,900	488,100	282,900	58,800	74,600	12,700	17,200	8,800	33,100
1946-1950	534,200	82,400	16,300	435,500	228,900	66,000	55,900	10,800	29,200	8,900	35,800
Annual:											
1944	605,100	55,000	28,400	521,700	309,500	49,500	88,400	13,300	17,600	10,400	33,000
1948	568,600	77,000	20,100	471,500	232,000	77,000	70,300	10,500	25,300	6,900	49,500
1949	579,300	99,500	18,800	461,000	259,000	82,500	44,400	9,600	34,100	9,400	22,000
1950	492,900	88,700	14,300	389,900	154,500	77,000	49,000	9,800	39,400	10,700	49,500
1951 b/	553,700	93,500	17,700	442,500	233,000 b/	55,000	44,800	9,700	33,000	12,500	54,500

a/ (Revised) Raisin production given includes currants averaging for California, 1935-1939, 1,500 tons; 1946-1950, 4,000 tons; and for the Union of South Africa, 1935-1939, 700 tons; 1946-1950, 1,100 tons. World totals columns 1 and 4 include only countries listed in this table, excluding the small production of Argentina, Chile, Cypress, Syria, Palestine, Transjordan, Italy, and Soviet Russia.

b/ (Revised) Preliminary estimates for 1951; California is approximate trade estimate.

Source: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, November 1951, from reports of the California Crop Reporting Service, excluding dried grapes other than raisin varieties. Foreign production largely from reports of Office of Foreign Agricultural Relations, U. S. Dept. Agr., released currently by it and the Federal-State Market News Service at Sacramento, which also include estimates for minor countries not shown in this table (see footnote a/ above).

APPENDIX TABLE 54 (p. 57c)

Dessert and Still Table Wines: Preliminary Monthly Price Estimates: Bulk, F.O.B. California, 1934-1951

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	cents per gallon											
	Still Table Wines, Red and White											
1949 a/										35	36	36
1950	37	38	39	40	42	42	42	44	49	57	59	60
1951	61	64	64	64	64	64	62	60	58	55		
	Dessert Wines											
1949 a/										36	40	44
1950	47	50	56	70	75	75	77	83	87	87	86	85
1951	85	85	85	81	76	73	67	62	59	50		

a/ Monthly data beginning October 1949 are approximate averages of weekly prices reported by A. M. Mc Dowell and H. E. Tilden, Federal-State Market News Service, Bulk Wine Market Information Bulletins, of sales to the bottling trade on the basis of standard quality naked wine before taxes and California marketing assessments in tank car lots f.o.b. winery. Table wine prices are approximate average of white and red, excluding quotations on lighter colored red and on sweet table wines.

APPENDIX TABLE 55 (p. 58c)

United States Apparent Per-Capita Consumption of Still Wines, Years Beginning July 1, Averages 1935-1939 and 1945-1948, Annual 1949-1950 c/

c/ For comparable consumption data for years beginning July 1, 1949 and 1950, see Appendix table 58.

APPENDIX TABLE 56 (p. 59c)

Apparent Consumption of California Wines in All Markets and Stocks in Bond of All Still Wine in California, December 31, 1938-1950

Calendar year	Apparent consumption in all markets a/			California stocks in bond December 31 b/		
	Still wine		Still and sparkling	Still wine		
	Table	Dessert c/		Table	Dessert c/	Total
	1	2	3	4	5	6
	thousand gallons					
1950 e/	22,650	96,961	120,034	44,893	122,783	167,676
1951 f/						

e/ Preliminary 1950 data.

f/ Comparisons of apparent consumption of California wine January through September 1951 and 1950 show the following per cent age decreases: table 10, dessert 22, still and sparkling, total 20 (see table 71).

APPENDIX TABLES 57-58 (p. 60c-61c)

Apparent Consumption of Still Wine in the United States, California and Other States: Homemade Production and Taxpaid Withdrawals of Commercial Domestic and Imported Still Wine, Years Beginning July 1, 1933-1950

Years beginning July 1	For consumption in United States a/						In California			In other states		
	Grand total	Total	Dessert c/ over 14%	Table, not over 14 per cent alcohol			Total	Commercial d/	Homemade	Total	Commercial	Homemade
		Commercial			Homemade	Total						
	1	2 (3+4)	3	4	5	6 (4+5)	7 (8+9)	8	9	10 (11+12)	11 (2-8)	12
	Total Consumption thousands of wine gallons, 000 omitted											
Averages:												
1934-1938	90,357	57,798	38,142	19,656	32,559	52,215	22,682	19,847	2,835	67,675	37,951	29,724
1945-1948	137,503	114,879	85,711	29,168	22,624	51,792	19,547	18,797	750	117,956	96,082	21,874
1946-1950	142,660	122,239	92,318	29,921	20,421	50,342	20,417	19,673	744	122,242	102,565	19,677
Annual:												
1946-47	129,003	107,898	79,163	28,735	21,105	49,840	17,780	17,180	600	111,223	90,718	20,505
1947-48	138,431	113,816	87,894	25,922	24,615	50,537	19,295	18,350	945	119,136	95,466	23,670
1948-49	145,661	124,136	94,042	30,094	21,525	51,619	20,642	19,967	675	125,019	104,169	20,850
1949-50	157,706	138,686	105,079	33,607	19,020	52,627	23,424	22,629	795	134,282	116,057	18,225
1950-51	142,497	126,657	95,412	31,245	15,840	47,085	20,945	20,240	705	121,552	106,417	15,135
	Per-Capita Consumption wine gallons per capita											
Averages:												
1934-1938	.70	.45	.30	.15	.25	.40	3.61	3.16	.45	.55	.31	.24
1945-1948	.96	.80	.60	.20	.16	.36	1.97	1.90	.07	.88	.72	.16
1946-1950	.97	.83	.63	.20	.14	.34	1.94	1.87	.07	.89	.75	.14
Annual: e/												
1949-50	1.05	.92	.70	.22	.13	.35	2.13	2.06	.07	.96	.83	.13
1950-51	.93	.83	.63	.20	.10	.31	1.86	1.80	.06	.86	.75	.11

c/ Dessert wine includes imports of vermouth, sake and n.e.s. wines and domestic vermouth and aperitif wines.

d/ Col. 8, tax-paid sales within California compiled by the Wine Institute from reports of California State Board of Equalization.

e/ Change 1938 Col. 2 from .64 to .54.

APPENDIX TABLES 59, 60, 61 (p. 62c-64c)

United States and California Production, Stocks, Supply, and Disappearance of Domestic Commercial Still Wine
Average 1909-1913, Annual 1933-1950

Years beginning July 1	Stocks, July 1 a/			Net finished production a/ d/			Total supply a/			Disappearance a/		
	Total	Dessert, over 14% alcohol	Table, not over 14%	Total	Dessert, over 14% alcohol	Table, not over 14%	Total	Dessert, over 14% alcohol	Table, not over 14%	Total	Dessert, over 14% alcohol	Table, not over 14%
	1	2	3	4	5	6	7	8	9	10	11	12
	thousands of wine gallons, that is, 000 omitted											
	UNITED STATES											
Averages:												
1934-1938	71,067	38,914	32,153	63,892	43,378	20,514	134,959	82,292	52,667	54,972	36,274	18,698
1945-1949	135,049	87,336	47,713	121,741	93,491	28,250	256,789	180,827	75,962	116,884	88,234	28,652
Annual: c/												
1949-50	162,586	111,748	50,838	99,519	75,174	24,345	262,105	186,922	75,183	135,105	103,879	31,226
1950-51 d/	127,000	83,043	43,957	133,396	101,442	31,954	260,396	184,485	75,911	126,419	92,478	33,941
1951-52	133,977	92,007	41,970									
	CALIFORNIA											
Averages:												
1934-1938	60,473	34,465	26,008	57,013	41,505	15,508	117,486	75,970	41,516	49,600	35,291	14,309
1945-1949	116,315	78,538	37,777	114,140	92,193	21,947	230,455	170,730	59,725	109,344	87,329	22,015
Annual:												
1949-50	143,211	102,214	40,997	91,185	74,092	17,093	234,396	176,306	58,090	126,015	102,812	23,203
1950-51	108,381	73,494	34,887	112,627	96,404	16,223	221,008	169,898	51,110	108,044	86,849	21,195
1951-52	112,964	83,049	29,915									

c/ Raise United States 1945 data, columns 7 and 10 in original table, by 10 to equal 213,138 and 111,124.
d/ Columns 4-6 give data for table 59 for 1950 and revised for 1949 and 1946.

California Crush, Adjusted Gross Wine Production by Classes, Storage Capacity and Number of Bonded Wineries and Fruit Distilleries by Districts, 1950

District a/	Crush for wine and brandy b/	Gross wine production				Storage cooperage d/	Active bonded e/	
		Total	Dessert adjusted c/	Table			Wineries	Fruit distilleries
				Red	White, adjusted c/			
	1	2	3	4	5	6	7	8
	tons	thousand gallons					number	
State, totals	1,289,843	125,033	101,215	16,632	7,186	306,831	364	107
S. California	67,883	7,639	5,241	2,046	352	25,710	69	22
Central Coast	83,622	13,819	1,816	9,543	2,460	62,746	185	15
North of Bay	58,852	10,273	574	8,016	1,683	46,826	79	5
South of Bay	24,770	3,546	1,242	1,527	777	15,920	106	10
Interior Valley	1,138,338	103,575	94,158	5,043	4,374	218,375	110	70
Central Valley	329,374	33,060	28,841	2,831	1,388	80,175	64	32
San Joaquin "	808,964	70,515	65,317	2,212	2,986	138,200	46	38
	per cent of state totals							
State totals	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
S. California	5.3	6.1	5.2	12.3	4.9	8.4	19.0	20.6
Central Coast	6.5	11.1	1.8	57.4	34.2	20.4	50.8	14.0
North of Bay	4.6	8.2	0.6	48.2	23.4	15.3	21.7	4.7
South of Bay	1.9	2.8	1.2	9.2	10.8	5.1	29.1	9.3
Interior Valley	88.2	82.8	93.0	30.3	60.9	71.2	30.2	65.4
Central Valley	25.5	26.4	28.5	17.0	19.3	26.1	17.6	29.9
San Joaquin "	62.7	56.4	64.5	13.3	41.6	45.1	12.6	35.5

a/ (Revised) Counties by districts: North of Bay: Mendocino, Napa, Sonoma, Humboldt, Solano. South of Bay: Alameda, Contra Costa, San Francisco, Santa Clara, Monterey, San Benito, San Mateo, Santa Cruz & San Luis Obispo. Southern California: Los Angeles, San Bernardino, San Diego, Riverside, Ventura. San Joaquin Valley: Fresno, Kern Madera, Tulare, Merced, Kings. Central Valley: Sacramento, San Joaquin, Stanislaus, Amador. Sacramento Valley: Yuba, Sutter Colusa, Butte, Glenn, Tehama, Placer & Yolo. Central Valley data include Sacramento Valley crush of 177 tons in 1950.

c/ Preliminary gross production for 6 months, July 1-Dec. 31, with no allowance for losses, for diversion, for distilling and other by-product uses or for increases due to amelioration, fortification, etc. Red table for all years unadjusted as reported by Wine Institute. White table and dessert unadjusted 1937-1944 but adjusted 1945-1950 by removing sherry and other dessert wine stock from white table wine production as published and adding it to dessert wine production as published after raising dessert stock to approximate equivalent gallonage after fortification by dividing it by 0.85.

Source: Compiled from county data in Fifteenth Annual Wine Industry Statistical Survey, Part 1, p. 13, Wine Institute Bul. 517, March 9, 1951.

Preliminary Report

Preliminary Grain Production Estimates by Counties, Showing Comparison with Those of Previous Years and Trade Activities by Districts, 1946

Districts, counties	Corn for grain	Barley	Oats	Rye	Wheat	Total
	Thousand bushels					
Northern districts	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	107
Cardinal County	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Central County	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
South of [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
North of [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Northern [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70
Cardinal County	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Central County	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Other counties	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Per cent of [illegible] total					
Trade totals	100.0	100.0	100.0	100.0	100.0	100.0
Cardinal	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Central County	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
North of [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
South of [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Northern [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cardinal County	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Central County	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Other counties	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

APPENDIX TABLE 67 (pp. 75c-76c)

Equivalent Tonnage of Grapes Used in California Adjusted Gross Still Wine Production, Dessert, and Red and White Table by Districts, July 1-December 31, 1944-1950

District a/	July 1-December 31, 1950				
	Total	Dessert total	Table		
			Total	Red	White
	1	2	3	4	5
	equivalent tons fresh grapes				
1950					
State, totals	1,144	1,012	132	92	40
S. California	65	52	13	11	2
Central Coast	85	18	67	53	14
North of Bay	60	6	54	45	9
South of Bay	25	12	13	8	5
Interior Valley	994	942	52	28	24
Central Valley	312	289	23	16	7
San Joaquin "	682	653	29	12	17
	per cent of state totals				
State, totals	100.0	100.0	100.0	100.0	100.0
S. California	5.7	5.2	9.8	12.3	4.9
Central Coast	7.4	1.8	50.7	57.4	34.2
North of Bay	5.2	0.6	40.9	48.2	23.4
South of Bay	2.2	1.2	9.8	9.2	10.8
Interior Valley	86.9	93.0	39.4	30.3	60.9
Central Valley	27.3	28.5	17.4	17.0	19.3
San Joaquin "	59.6	64.5	22.0	13.3	41.6

a/ For counties included in districts see tables 62-66, footnote a/.

APPENDIX TABLES 68-70 (p. 77c-79c)

Weekly Grape Crush of California Wineries by Varietal Classes and Chief Raisin and Wine Varieties by Districts, 1947-1950 f/

f/ Final data on the weekly crush for 1949 and 1950 with more detail by districts are summarized by the Federal-State Market News Service in Marketing California Grapes, Wine, Raisins, Season 1950, mimeograph July 1951, p. 72-73. Preliminary weekly cumulated data for the 1951 crush are available in its Weekly Grape Crush Report prepared by A. M. McDowell and H. E. Tildon and released from the San Francisco office, 727 U. S. Appraisers Building, San Francisco 11.

[illegible]

Footnotes and key [illegible]

Footnotes [illegible]

Footnotes [illegible]

Footnotes

APPENDIX TABLE 71 (Cont'd) (pp. 80c-84c)
Apparent Consumption of California Wines in All Markets, California, and Other States, Table and Dessert and Total, Monthly July 1937-October 1951

Year and month	Foreign U. S. net imports	Wine produced in California							
		Consumed in U. S. a/		Consumed in California			Consumed in other states		Still and sparkling c/
	Still and sparkling	Still wine		Still wine		Still and sparkling c/	Still wine		
		Table	Dessert	Table	Dessert		Table	Dessert	
	1 c/	2	3 b/	4	5 b/	6	7	8 b/	9
	wine gallons								
1950									
January	264,133	1,887,210	9,166,255	457,894	1,391,520	1,857,739	1,429,316	7,774,734	9,221,170
February	259,265	1,713,657	7,336,319	414,792	833,315	1,253,158	1,298,865	6,503,004	7,814,949
March	307,495	2,002,839	9,497,977	636,134	1,614,976	2,260,258	1,366,705	7,883,001	9,261,909
April	313,819	1,980,976	9,526,313	486,609	1,407,366	1,906,997	1,494,367	8,118,946	9,625,797
May	300,852	1,703,199	8,288,111	481,095	1,084,409	1,582,838	1,222,104	7,203,702	8,437,625
June	387,140	1,255,714	4,945,283	431,609	832,461	1,275,204	824,105	4,112,822	4,953,377
July	281,930	1,325,651	7,442,585	545,330	1,620,643	2,176,179	780,321	5,821,943	6,612,071
August	317,366	1,926,295	8,329,304	511,798	1,158,186	1,686,217	1,414,497	7,171,118	8,603,416
September	375,091	2,044,035	9,010,437	556,949	1,125,363	1,697,291	1,487,087	7,885,074	9,400,662
October	526,469	2,534,636	9,262,644	638,382	1,233,114	1,892,866	1,896,254	8,029,531	9,960,462
November	681,419	2,374,475	7,568,077	588,741	970,380	1,592,157	1,785,734	6,597,697	8,418,782
December	652,275	1,901,443	6,587,340	563,254	947,654	1,539,174	1,338,189	5,639,686	7,003,543
Total	4,667,284	22,650,130	96,960,645	6,312,587	14,219,387	20,720,078	16,337,544	82,741,258	99,313,763
1951 d/									
January	401,697	1,824,540	7,796,349	521,906	1,263,439	1,796,081	1,302,633	6,532,910	7,852,353
February	344,172	1,712,381	6,780,866	468,359	850,448	1,326,077	1,244,022	5,930,418	7,191,506
March	427,287	2,002,601	7,219,998	594,558	1,214,468	1,822,622	1,408,043	6,005,530	7,427,646
April	449,767	1,555,898	5,882,503	462,479	991,731	1,462,562	1,093,419	4,890,773	6,000,965
May	433,360	1,425,881	5,839,343	551,790	936,303	1,500,095	874,091	4,903,041	5,796,708
June	412,776	1,322,477	5,863,201	490,571	998,417	1,501,309	831,906	4,864,784	5,715,545
July	293,000	1,185,665	4,634,074	436,988	659,514	1,108,650	748,677	3,974,560	4,734,267
August	297,000	1,545,877	5,690,247	536,344	1,074,271	1,623,067	1,009,533	4,615,976	5,641,339
September	312,000	1,710,442	7,224,441	513,851	1,046,766	1,572,941	1,196,591	6,177,675	7,391,548
October	527,000	2,200.062	9,126,578	524,614	1,165,453	1,709,676	1,675,448	7,960,925	9,675,088
November									
December									
Total									

a/ Consumed in United States and the small quantity exported. b/ Dessert wine includes vermouth and aperitif wines.
c/ Sparkling wine converted from half-pint units at 20 units per gallon. d/ Preliminary data.
Source: Compiled by Giannini Foundation of Agricultural Economics, University of California, Nov. 1951, from data in Wine Institute Statistical reports compiled from: Col. 1 official imports; cols. 2-9 reports of Calif. State Board of Equalization.

APPENDIX TABLE 72 (p. 85c)

United States Wine Imports for Consumption by Kinds, Years Beginning July 1, 1933-1950

Years beginning July 1	Total	Champagne and other sparkling	Still wines							
			Total	Table, 14% or less	Dessert, over 14% and not over 24% alcohol					
					Total	Vermouth[a]	Except vermouth			
							Total	Sake[b]	N.e.s.[a]	Other
	1	2	3	4	5	6	7	8	9	10
	wine gallons									
Averages:										
1933-1935	2,897,881	306,770	2,591,111	755,023	1,836,088	951,791	884,297	145,997	1,633	736,667
1936-1939[e]	4,010,783	574,864	3,435,919	1,024,960	2,410,959	1,387,656	1,023,303	122,924	3,059	897,320
1948-1950	3,986,298	508,211	3,478,087	1,503,976	1,974,111	1,257,405	716,706	26,581	44,090	646,035
Annual:[e]										
1933-34	3,155,381	352,453	2,802,928	851,948	1,950,980	1,000,000	950,980	120,480	500	830,000
1934-35	2,728,550	285,589	2,442,961	687,356	1,755,605	911,372	844,233	172,033	2,200	670,000
1935-36	2,809,710	282,267	2,527,443	725,765	1,801,678	944,000	857,678	145,478	2,200	710,000
1949-50[f]	3,552,870	451,114	3,101,756	1,298,997	1,802,759	1,151,875	650,884	42,851	45,373	562,660
1950-51[f]	5,303,129	663,178	4,639,951	2,182,010	2,457,941	1,583,754	874,187	36,264	49,641	788,282

e/ Change n.e.s. column 9 for 1936 from 33,180 to 3,180.

f/ Compiled from U.S. Census Bureau preliminary monthly, "United States Imports for Consumption of Merchandise. Commodity by Country of Origin, Report No. FT 110."

APPENDIX TABLE 73 (p. 86c)

United States Imports for Consumption of Table Wines Containing 14% or Less Alcohol by Chief Countries of Origin
Years Beginning July 1, 1936-1950

Year beginning July 1	Total[a]	France	Italy	Spain	Portugal	Germany	Hungary	Greece	Switzerland	Argentina	Chile	Other[b]
	1	2	3	4	5	6	7	8	9	10	11	12
	wine gallons[a]											
Averages:												
1936-1939	1,024,960	530,458	298,134	10,942	930	128,065	14,496	9,808	3,052	1,168	7,051	20,856
1948-1950	1,503,976	529,662	586,540	22,718	10,736	107,134	2,583	32,879	9,948	4,635	163,065	34,076
Annual:												
1949-50[d]	1,298,997	469,500	513,290	18,140	10,590	84,709	4,708	34,896	8,091	2,293	133,398	19,382
1950-51[d]	2,182,010	792,453	874,902	30,805	8,451	158,662	0	30,769	8,407	4,287	205,097	68,177

d/ Compiled from U.S. Census Bureau, preliminary monthly, "United States Imports for Consumption of Merchandise. Commodity by Country of Origin Report No. FT 110." Processed. Sum of table wine in containers not over one gallon (Code No. 1732610) plus in containers over one gallon (Code No. 1732620).

APPENDIX TABLE 74 (p. 87c)

United States Imports for Consumption of Dessert Wines Containing Over 14% But Less Than 24% Alcohol
Except Vermouth, Sake and N.E.S. by Chief Countries of Origin, Years Beginning July 1, 1936-1950

Year beginning July 1	Total[a]	Spain	Madeira and Azores	Portugal	France	Italy	Greece	United Kingdom	Australia	Argentina	Chile	Other
	1	2	3	4	5	6	7	8	9	10	11	12
	wine gallons[a]											
Averages:												
1936-1939	897,320	550,304	6,367	130,626	102,628	49,508	11,456	13,669	3,430	719	329	28,284
1948-1950	646,035	377,905	9,685	161,420	7,363	36,648	10,401	22,567	1,113	283	844	17,806
Annual:												
1949-50[d]	562,660	333,603	11,400	118,109	4,978	32,955	10,844	29,117	1,476	157	324	19,697
1950-51[d]	788,282	452,671	8,972	211,710	12,525	38,867	10,499	32,469	420	0	305	19,844

d/ Compiled from U.S. Census Bureau, preliminary monthly. "United States Imports for Consumption of Merchandise. Commodity by Country of Origin. Report No. FT 110." Processed. Sum of dessert wine in containers not over one gallon (Code No. 1732650) plus in containers over one gallon (Code No. 1732660).

APPENDIX TABLE 75 (p. 88c)

United States Imports for Consumption of Vermouth by Chief Countries of Origin
Years Beginning July 1, 1935-1950

Years beginning July 1	Total a/	Chile	Argentina	France	Italy	Spain	Other c/
	1	2	3	4	5	6	7
	wine gallons a/						
Averages:							
1934-1938	1,125,365	4	38	364,556	747,937	1,658	11,172
1948-1950	1,257,565	676	5,531	382,759	859,971	1,399	7,229
Annual:							
1934-35 d/	911,372	--c/	--	300,000	600,000	--	11,372
1949-50	1,151,875	0	3,953	322,866	819,122	1,966	3,968
1950-51	1,584,234	0	2,618	498,380	1,078,080	1,076	4,080

c/ Dashes indicate if any included in "Other."
d/ Approximate estimates by countries for 1934-35.

Source: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, Berkeley, November 1951, directly or indirectly from latest monthly reports of the U. S. Department of Commerce; 1936-1948 from compilations of the Wine Institute from Department of Commerce records of final monthly revised imports by countries. Data beginning 1949-50 compiled from U. S. Census Bureau preliminary monthly "United States Imports for Consumption of Merchandise. Commodity by Country of Origin. Report No. FT 110." Processed. Sum of vermouth in containers not over one gallon (Code No. 1732110) plus in containers over one gallon (Code No. 1732120).

APPENDIX TABLE 25 (Con. Cont.)

United States Imports for Consumption of Vermouth by Chief Countries of Origin
Years Beginning July 1, 1[illegible]-[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

APPENDIX TABLE 76 (p. 89c)

United States Imports For Consumption of Sparkling Wine by Chief Countries of Origin
Years Beginning July 1, 1934-1950

Years beginning July 1	Total a/	Chile	Argentina	France	Italy	Spain	Portugal	Other c/
	1	2	3	4	5	6	7	8
	wine gallons a/							
Averages:								
1934-1938	435,539	58	111	399,095	10,609	344	7	25,315
1948-1950	508,211	4,035	958	460,775	23,950	1,145	12,666	4,683
Annual:								
1934-35 c/	285,589	0	0	221,467	6,512	0	0	57,610
1935-36 c/	278,638	0	0	237,116	4,775	0	0	36,747
1949-50 d/	451,114	5,925	1,271	407,826	18,070	1,099	12,065	4,858
1950-51 d/	663,178	1,186	368	608,537	29,581	1,788	15,941	5,787

c/ "Other" corrected for 1934-35 and 1935-36.

d/ Compiled from U.S. Census Bureau preliminary monthly "United States Imports for Consumption of Merchandise. Commodity by Country of Origin. Report No. FT. 110." Processed. Sum of Sparkling Wine in containers not over one gallon (Code No. 1731100) plus in containers over one gallon (Code No. 1731200).

APPENDIX TABLE 77 (p. 90c)

Sparkling Wine: Production and Withdrawals for Consumption, Domestic and Imported, United States and California, Years Beginning July 1, 1933-1950

Years beginning July 1	Stocks, U. S. July 1	Production, net		Withdrawals for consumption in United States				
				Total	Imports taxpaid and free	Domestic wine, taxpaid a/		
		United States	California			Total b/	Natural sparkling c/	In California b/
	1	2	3	4 (5+6)	5	6	7	8
	thousands of gallons (000 omitted)							
Averages:								
1933-1935	321	392	99	587	308	279	d/	67
1936-1939	608	407	85	940	567	373	302	71
1948-1950	1,728	1,040	393	1,614	508	1,106	1,082	351
Annual:								
1949	1,743	950	389	1,498	451	1,047	1,023	336
1950	1,619	1,142	433	1,852	663	1,189	1,165	387

d/ (Revised) Dashes indicate no segregation reported before 1938, so averages exclude 1936 and 1937 data.

APPENDIX TABLE 78 (p. 91c)

California Fruit Brandy, Neutral and Beverage, Supply and Disappearance, Years Beginning July 1, 1909-1913 and 1933-1950

Years beginning July 1	Total, beverage and neutral				For fortification, includes fruit spirits				Beverage brandy		
					Disappearance					Production	
	Stocks July 1 a/	Production gross b/	Supply gross	Disappearance gross c/	Total	Used in California	Used in other states	Production gross	Disappearance c/ d/	Gross e/	Fresh fruit used
	1	2	3 (1+2)	4	5 (6+7)	6	7	8	9 (4-5)	10	11
	thousands of proof gallons (substantially same as tax gallons)										tons
Averages:											
1934-1938	3,189	17,714	20,903	14,792	13,230	12,965	265	14,569	1,562	3,146	78,600
1940-1944	11,997	22,777	34,774	24,366	19,491	19,100	391	18,835	4,875	3,942	98,400
1945-1948	9,146	34,311	43,457	34,198	30,713	30,462	251	31,044	3,485	3,267	88,300
1946-1950	8,763	32,431	41,194	32,914	30,342	29,894	448	29,538	2,572	2,302	64,100
Annual:											
1944-45	7,585	24,584	32,169	24,235	19,530	19,028	502	19,617	4,705	4,967	124,000
1945-46	7,934	33,145	41,079	32,229	26,542	26,327	215	28,104	5,687	5,041	126,000
1948-49	9,941	35,730	45,671	37,336	34,402	34,013	389	34,635	2,934	1,095	27,000
1949-50	8,335	23,259	31,594	24,767	23,336	22,796	540	22,079	1,431	1,180	29,000
1950-51	6,827	34,850	41,677	35,290	32,064	31,154	910	32,350	3,176	2,500	62,000
1951-52	6,387										

c/ (Revised) Gross disappearance of beverage brandy is all preliminary calculated estimates which differ from corresponding preliminary estimates of apparent consumption of beverage brandy as calculated by the Wine Institute and reported as entering distribution channels in Part 3 of its Annual Wine Industry Statistical Surveys usually released in November each year.

APPENDIX TABLE 79 (p. 92c)

California Raisins Used in Making Brandy and Spirits in the United States
Years Beginning July 1, 1935-1950

Years beginning July 1	Total	Reported as used at[a]	
		Distilleries	Wineries[b]
	1	2	3
	dry tons[d]		
Averages:			
1935-1937	--[c]	5,891	--[c]
1938-1941	10,597	3,146	7,451
1942-1945	22,795	6,716	16,079
1946-1950	10,591	6,960	3,631
1948-1950	9,314	7,622	1,692
Annual:			
1949-50	11,083	9,177	1,906
1950-51	10,056	7,615	2,441

c/ Dashes indicate no data given in Annual Reports.
d/ Approximate equivalent fresh grape tonnage probably is less than the usual drying ratio for standard raisins of 4 to 1 differing from year to year depending on the quality and the proportion of stems, etc., included in the reported tonnage.

Source: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, November 1951, from Annual Reports of the Commissioner of Internal Revenue of U.S. Treasury Department.

APPENDIX TABLE 80 (p. 93c)

United States Brandy Imports for Consumption by Chief Countries of Origin
Years Beginning July 1, 1934-1950

Years beginning July 1	Total[a]	France	Spain	Portugal	Union South Africa	Argentina	Chile	Greece	Other
	1	2	3	4	5	6	7	8	9
	proof gallons[a]								
Averages:									
1934-1938	622,934	564,374	20,206	96	297	0	29	12,262	25,670
1948-1950	712,245	539,041	52,321	62,316	9,903	317	6,453	2,329	39,565
Annual:									
1937-38	701,236	637,299	28,724	122	229	0	0	23,291	11,571
1949-50[c]	634,172	482,655	48,422	54,956	16,571	167	5,192	2,866	23,343
1950-51[c]	954,911	749,402	55,576	64,092	4,994	404	5,636	2,063	72,744

c/ Compiled from U.S. Census Bureau preliminary monthly, "United States Imports for Consumption of Merchandise Commodity by Country of Origin, Report No. FT 110." Processed. Sum of brandy in containers not over one gallon (Code no. 1711300) plus in containers over one gallon (Code no. 1711500).

ADDITIONAL TABLE 81

Vermouth and Aperitif Wines: United States Production and Consumption
Years Beginning July 1, 1933-1950

Years beginning July 1	Production net a/				Withdrawn for consumption b/				
	California at c/ d/ wineries	United States: At d/ wineries	United States: Rectifying plants b/	United States: Total	Total	Imports tax paid and free: Quantity	Imports tax paid and free: Per cent of total	Domestic: Total b/	Domestic: Taxpaid from wineries a/
	1	2	3	4 (2+3)	5 (6+8)	6	7 (6÷5)	8 (3+9)	9
	wine gallons						per cent	wine gallons	
Averages:									
1934-1938	61,741	109,015	85,479	194,494	1,295,485	1,125,365	86.9	170,120	84,641
1935-1939	86,699	201,915	59,689	261,604	1,522,104	1,298,925	85.3	223,179	163,490
1940-1945	1,112,235	2,389,377	8,280	2,397,657	2,802,091	639,094	22.8	2,162,997	2,154,717
1946-1950	704,732	2,289,353	4,404	2,293,757	3,425,644	1,147,519	33.5	2,278,125	2,273,721
Annual:									
1933-34	-- e/	0	--	--	--	1,000,000	--	--	0
1934-35	25,911 e/	0	138,658	138,658	1,050,030	911,372	86.8	138,658	0
1935-36	40,658 e/	0	180,527	180,527	1,124,527	944,000	83.9	180,527	0
1936-37	69,976 e/	159,618	78,697	238,315	1,551,666	1,390,257	89.6	161,409	82,712
1937-38	102,582	193,663	18,711	212,374	1,325,830	1,153,912	87.0	171,918	153,207
1938-39	69,560	191,796	10,800	202,596	1,425,372	1,227,284	86.1	198,088	187,288
1939-40	150,697	464,496	9,711	474,207	2,183,127	1,779,171	81.5	403,956	394,245
1940-41	583,031	1,575,457	22,386	1,597,843	1,865,871	766,103	41.1	1,099,768	1,077,382
1941-42	677,086	1,867,153	14,358	1,881,511	1,925,005	436,542	22.7	1,488,463	1,474,105
1942-43	872,007	2,042,214	7,511	2,049,725	2,707,266	489,298	18.1	2,217,968	2,210,457
1943-44	1,347,415	2,744,052	4,364	2,748,416	3,279,619	688,892	21.0	2,590,727	2,586,363
1944-45	1,807,407	3,300,976	1,058	3,302,034	3,589,826	628,081	17.5	2,961,745	2,960,687
1945-46	1,386,465	2,806,410	f/	2,806,410	3,444,959	825,650	24.0	2,619,309	2,619,309
1946-47	846,878	2,006,905	10,903	2,017,808	3,127,503	1,199,667	38.4	1,927,836	1,916,933
1947-48	498,484	1,784,913	1,551	1,786,464	2,453,599	765,233	31.2	1,688,367	1,686,816
1948-49	616,261	2,368,753	5,204	2,373,957	3,372,209	1,036,585	30.7	2,335,624	2,330,420
1949-50	718,622	2,451,692	3,108	2,454,800	3,681,117	1,151,875	31.3	2,529,242	2,526,134
1950-51	843,416	2,834,500	1,257	2,835,757	4,493,792	1,584,234	35.3	2,909,558	2,908,301

(For footnotes and source see back of table.)

Footnotes and source continued.

a/ Net production equals gross production minus losses. Production and domestic taxpaid withdrawals include aperitif wines in all years. Data on aperitif wines first reported separately beginning July 1, 1948.

b/ Taxpaid withdrawals from rectifying plants are not segregated in official reports so production of rectifying plants assumed as all withdrawn for consumption in year produced. Reported proof gallons of 50 per cent alcohol converted as 2.77777 wine gallons assuming domestic vermouth averages 18 per cent alcohol. Rectified vermouth production not available for California separately after 1936.

c/ California production 1934 and 1935 was all made in rectifying plants, and 1936 includes 36,647 wine gallons so made. California production at rectifying plant since 1936 not reported separately but probably very small judging by U. S. production in column 3.

d/ Production of vermouth in wineries first permitted June 26, 1936 under Liquor Tax Administration Act.

e/ Dashes indicate data not reported.

f/ Probably zero but data not reported.

Source: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, Berkeley, November 1951, from official United States government reports: column 6 from Department of Commerce annual and monthly import reports; columns 1, 2, 3, and 9 from Treasury Department, Annual Reports, Commissioner Internal Revenue, Alcoholic Tax Unit, except 1950-51 from its preliminary processed release and column 3, 1934-1936, from U. S. Tariff Commission, "Grapes, Raisins and Wines," Report No. 134, 2nd series, p. 242.

Footnotes and source continued.

a/ Net production equals gross production minus losses. Production and domestic taxpaid withdrawals include sparkling wines in all years. Data on sparkling wines first reported separately beginning July 1, 1942.

b/ Taxpaid withdrawals from rectifying plants are not segregated in official reports as production of rectifying plants removed as all withdrawn for consumption in year produced. Reported proof gallons of 50 per cent alcohol converted to 2,777,777 wine gallons assuming domestic vermouth averages 18 per cent alcohol. Rectified vermouth production not available for California separately after 1936.

c/ California production 1934 and 1935 was all made in rectifying plants, and 1936 includes 36,647 wine gallons so made. California production at rectifying plant since 1936 not reported separately but probably very small judging by U.S. production in column 6.

d/ Production of vermouth in wineries first permitted June 26, 1936 under Liquor Tax Administration Act.

e/ Dashes indicate data not reported.

f/ Probably zero but data not reported.

Source: Compiled by S. W. Sheer, Stanford Foundation of Agricultural Economics, University of California, Berkeley, November 1951, from official United States government reports: column 6 from Department of Commerce annual and monthly import reports; columns 1, 2, 3, and 9 from Treasury Department, Annual Reports, Commissioner Internal Revenue, Alcoholic Tax Unit, except 1950-51 from its preliminary processed releases and column 8, 1934-1936, from U. S. Tariff Commission, "Grapes, Raisins and Wines," Report No. 134, 2nd series, p. 246.

ADDITIONAL TABLE 82

California Production of Currants and Raisins By Variety, 1933-1951

Year of harvest	Total	Currants	Raisins								
			Total	Muscats[a]	Seedless						
					Total	Sultana natural	Thompsons				
							Total[b]	Natural	Bleached and dipped[b]		
									Total[b]	Golden	Other[b]
	1 (2+3)	2	3 (4+5)	4	5 (6+7)	6	7 (8+9)	8	9 (10+11)	10	11
	short tons, dry weight										
1933	195,000	600	194,400	26,000	168,400	7,900	160,500	149,000	11,500	--[b]	--[b]
1934	171,000	600	170,400	28,400	142,000	6,000	136,000	119,000	17,000	--	--
1935	203,000	800	202,200	24,000	178,200	6,000	172,200	152,800	19,400	--	--
1936	182,000	900	181,100	24,400	156,700	4,800	151,900	135,100	16,800	--	--
1937	247,000	1,100	245,900	27,800	218,100	6,200	211,900	188,500	23,400	--	--
1938	290,000	1,900	288,100	32,800	255,300	7,200	248,100	216,300	31,800	--	--
1939	245,000	2,600	242,400	25,300	217,100	5,200	211,900	178,200	33,700	27,200	6,500
1940	171,000	3,000	168,000	7,800	160,200	2,400	157,800	150,000	7,800	3,100	4,700
1941	209,000	3,600	205,400	12,100	193,300	2,400	190,900	175,800	15,100	10,200	4,900
1942	254,000	3,900	250,100	39,800	210,300	7,600	202,700	179,600	23,100	20,600	2,500
1943	401,000	3,800	397,200	62,200	335,000	9,000	326,000	281,000	45,000	39,700	5,300
1944	310,000	4,300	305,700	29,300	276,400	4,800	271,600	241,600	30,000	27,900	2,100
1945	241,000	4,300	236,700	13,700	223,000	3,000	220,000	190,200	29,800	27,600	2,200
1946	193,000	3,700	189,300	7,400	181,900	2,900	179,000	165,200	13,800	12,800	1,000
1947	306,000	4,500	301,500	17,400	284,100	5,100	279,000	263,900	15,100	13,900	1,200
1948	231,500	4,400	227,100	9,400	217,700	2,000	215,700	201,500	14,200	13,200	1,000
1949	259,000	3,700	255,300	13,000	242,300	2,800	239,500	219,700	19,800	16,900	2,900
1950	155,900	3,500	152,400	5,800	146,600	1,200	145,400	127,600	17,800	16,800	1,000
1951	233,000	3,500	229,500	9,500	220,000	3,000	217,000	200,000	17,000	16,500	500

a/ Muscats are nearly all natural sun dried except considerable tonnage dehydrated during 1943-1945 and 1,000 tons in 1951.

b/ Bleached assumed to be all Thompson Seedless, although small amounts may be Sultanas. "Golden" and "other" bleached not reported separately before 1939, but trade estimates indicate that golden constituted a smaller percentage of total bleached and dipped before then than since.

Source: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, Berkeley, November, 1951. Totals, column 1, are official estimates of R. E. Blair, California Crop and Livestock Reporting Service. Varietal data (rounded to nearest 100 tons): 1936-1939, 1941 and 1946-1948 and bleached and currants all years through 1948 from reports of Dried Fruit Association of packers' receipts. Varietal estimates for other years, except 1949, 1950, and 1951, by S. W. Shear by applying varietal percentages of packers' total receipts as reported by Dried Fruit Association to official totals in column 1; 1949 and 1950 total packer acquisitions reported to Federal Raisin Administrative Committee; 1951 preliminary approximate unofficial estimates, total and by varieties.

ADDITIONAL TABLE 22

California Production of Currants and Raisins By Variety, 1933-1951

Year of harvest	Raisins																								
	Total	Currants	Total	Muscats a/	Total	Sultanas natural	Seedless Thompsons Total b/	Seedless Thompsons Natural	Seedless Thompsons Bleached and dipped b/ Total	Seedless Thompsons Bleached and dipped b/ Golden	Seedless Thompsons Bleached and dipped b/ Other b/														
	1 (2+3)	2	3 (4+5)	4	5 (6+7)	6	7 (8+9)	8	9 (10+11)	10	11														
	Short tons, dry weight																								
1933	185,000	600	184,400	26,000	158,400	7,900	150,500	149,000	11,500	— b/	— b/														
1934	171,000	600	170,400	23,400	146,000	6,000	140,000	129,000	11,000	—	—														
1935	203,000	800	202,200	24,000	178,200	6,000	172,200	158,800	13,400	—	—														
1936	182,000	900	181,100	24,400	156,700	4,000	152,700	138,100	16,600	—	—														
1937	245,000	1,100	243,900	27,800	216,100	8,200	211,900	188,700	23,400	—	—														
1938	290,000	1,300	288,700	32,600	256,100	7,200	248,900	216,300	31,900	—	—														
1939	246,000	2,000	242,000	26,800	215,200	5,200	211,900	178,200	33,700	27,200	6,500														
1940	171,000	3,000	168,000	7,800	160,200	2,400	157,800	150,000	7,800	3,100	4,700														
1941	209,000	3,600	205,400	12,100	193,300	2,400	190,900	175,900	15,100	10,500	4,600														
1942	264,000	3,900	250,100	34,800	215,300	7,600	202,700	177,600	25,100	20,600	2,500														
1943	401,000	3,800	397,200	62,200	335,000	9,000	326,000	281,000	45,000	38,700	5,300														
1944	310,000	4,300	305,700	29,300	276,400	4,800	271,600	241,600	30,000	27,500	2,100														
1945	241,000	4,300	236,700	13,700	223,000	3,000	220,000	190,100	29,800	27,600	2,200														
1946	193,000	3,700	189,300	7,400	181,900	2,900	179,000	166,200	13,000	12,800	1,000														
1947	306,000	4,500	301,500	17,400	284,100	5,100	279,000	263,900	15,100	13,900	1,200														
1948	231,500	4,400	227,100	9,400	217,700	2,000	215,700	201,500	14,200	13,200	1,000														
1949	256,000	3,700	252,300	15,000	237,300	2,800	235,500	219,700	15,800	13,400	2,400														
1950	185,000	3,500	181,500	5,800	175,700	1,900	173,800	157,000	16,800	15,800	1,000														
1951	235,000	3,500	231,500	9,500	222,000	5,000	217,000	203,000	14,000	13,500	500														

a/ Muscats are nearly all natural sun dried except considerable tonnage dehydrated during 1943-1945 and 1,000 tons in 1951.
b/ Bleached assumed to be all Thompson seedless, although small amounts may be Sultanas. "Golden" and "other" bleached not reported separately before 1950, but trade estimates indicate that golden constituted a smaller percentage of total bleached and dipped before then than since.

Source: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, Berkeley, November, 1951. Totals, column 1, are official estimates of R. E. Blair, California Crop and Livestock Reporting Service. Varietal data (rounded to nearest 100 tons): 1933-1939, 1941 and 1942-1949 and bleached and currants all years through 1948 from reports of Dried Fruit Association of packers' receipts. Varietal estimates for other years, except 1943, 1950 and 1951, by S. W. Shear by applying varietal percentages of packers' total receipts as reported by Dried Fruit Association to official totals in column 1; 1943 and 1950 total packer acquisitions reported to Federal Raisin Administrative Committee; 1951 preliminary approximate unofficial estimates, total and by varieties.